

# Cedex Bio / Cedex Bio HT Tests Dec-2021

List 1



| Test, Analyte            | Test kit                   | Cat. no.    | Content [tests] | On-board stability | Calibrator, interval | Test code  | Control levels                   | Time [min:sec] | Typical precision | Accuracy spec. |
|--------------------------|----------------------------|-------------|-----------------|--------------------|----------------------|--|----------------------------------|----------------|-------------------|----------------|
| <b>Acetate</b>           | Acetate V2 Bio             | 07395442001 | 4 x 50          | 28 days            | D,<br>lot, 56 days   | AC2B 031 v3<br>AC2D 032 v3                       | D 1, 2, 3<br>D 2, 3              | 12:00          | < 6%              | 15%            |
|                          | Acetate V2 Bio HT          | 07395485001 | 200             | 84 days            | D,<br>lot, 56 days   | AC2B 0-068 v4<br>AC2D 0-082 v4                   | D 1, 2, 3<br>D 2, 3              | 12:11          | < 5%              | 15%            |
| <b>Ala-Gln, GlutaMAX</b> | Ala-Gln Bio                | 08056978001 | 4 x 50          | 28 days            | D,<br>lot, 84 days   | AQB 075 v1<br>AQD 076 v2                         | D 1, 2, 3<br>D 2, 3              | 12:00          | < 2%              | 15%            |
|                          | Ala-Gln Bio HT             | 08056943001 | 200             | 84 days            | D,<br>lot, 84 days   | AQB 0-186 v1<br>AQD 0-200 v3                     | D 1, 2, 3<br>D 2, 3              | 20:12          | < 2%              | 15%            |
| <b>Arabinose</b>         | Galactose/Arabinose Bio    | 08391599001 | 4 x 50          | 28 days            | D,<br>lot, 112 days  | ARAB 098 v1<br>ARAD 099 v1                       | D 1, 2, 3<br>D 2, 3              | 12:00          | < 4%              | 15%            |
|                          | Galactose/Arabinose Bio HT | 08391629001 | 200             | 112 days           | D,<br>lot, 112 days  | ARAB 0-110 v2<br>ARAD 0-111 v2                   | D 1, 2, 3<br>D 2, 3              | 12:11          | < 4%              | 15%            |
| <b>Ammonia, NH3</b>      | NH3 Bio                    | 06343775001 | 2 x 100         | 28 days            | B,<br>new lot        | NH3LB 038 v2<br>NH3B 922 v3<br>NH3D 905 v3       | B 1 dil. 1:5<br>B 1, 2, 3<br>B 3 | 09:18          | < 5%              | 10%            |
|                          | NH3 Bio HT                 | 06608515001 | 150             | 84 days            | B,<br>new lot        | NH3LB 0-723 v1<br>NH3B 0-914 v3<br>NH3D 0-719 v4 | B 1 dil. 1:5<br>B 1, 2, 3<br>B 3 | 10:18          | < 5%              | 10%            |
| <b>Calcium</b>           | Calcium Bio                | 07374623001 | 2 x 100         | 42 days            | C,<br>new lot        | CA2B 600 v1<br>CA2D 602 v1                       | C 1, 2, 3<br>C 3                 | 05:24          | < 4%              | 10%            |
|                          | Calcium Bio HT             | 06990100001 | 300             | 42 days            | C,<br>new lot        | CA2B 0-745 v3<br>CA2D 0-790 v1                   | C 1, 2, 3<br>C 3                 | 06:22          | < 4%              | 10%            |
| <b>Cholesterol</b>       | Cholesterol Bio            | 07374577001 | 2 x 100         | 28 days            | B,<br>new lot        | CHO2B 603 v1<br>CHO2D 604 v1                     | B 1, 2, 3<br>custom              | 11:06          | < 2%              | 10%            |
|                          | Cholesterol Bio HT         | 07212763001 | 400             | 56 days            | B,<br>new lot        | CHO2B 0-751 v3<br>CHO2D 0-752 v2                 | B 1, 2, 3<br>custom              | 12:11          | < 2%              | 10%            |



| Test, Analyte    | Test kit                   | Cat. no.    | Content [tests] | On-board stability | Calibrator, interval | Test code  | Control levels             | Time [min:sec] | Typical precision | Accuracy spec. |
|------------------|----------------------------|-------------|-----------------|--------------------|----------------------|--|----------------------------|----------------|-------------------|----------------|
| <b>Ethanol</b>   | Ethanol Bio                | 08055645001 | 4 x 50          | 28 days            | E,<br>lot, 56 days   | ETOHB 046 v3<br>ETOHD 047 v3                       | E 1, 2, 3<br>custom        | 08:42          | < 2%              | 10%            |
|                  | Ethanol Bio HT             | 08055661001 | 100             | 56 days            | E,<br>lot, 56 days   | ETOHB 0-248 v3<br>ETOHD 0-242 v4                   | E 1, 2, 3<br>custom        | 09:33          | < 2%              | 10%            |
| <b>Formate</b>   | Formate Bio                | 07705590001 | 4 x 50          | 21 days            | D,<br>lot, 84 days   | FORB 034 v1<br>FORD 036 v1                         | D 1, 2, 3<br>D 2, 3        | 12:00          | < 3%              | 15%            |
|                  | Formate Bio HT             | 07705603001 | 200             | 140 days           | D,<br>lot, 140 days  | FORB 0-176 v2<br>FORD 0-181 v2                     | D 1, 2, 3<br>D 2, 3        | 12:22          | < 3%              | 15%            |
| <b>Galactose</b> | Galactose/Arabinose Bio    | 08391599001 | 4 x 50          | 28 days            | D,<br>lot, 112 days  | GAL2B 091 v3<br>GAL2D 092 v3                       | D 1, 2, 3<br>D 2, 3        | 12:00          | < 4%              | 15%            |
|                  | Galactose/Arabinose Bio HT | 08391629001 | 200             | 112 days           | D,<br>lot, 112 days  | GAL2B 0-091 v1<br>GAL2D 0-092 v1                   | D 1, 2, 3<br>D 2, 3        | 12:11          | < 4%              | 15%            |
| <b>Glucose</b>   | Glucose Bio                | 06343732001 | 2 x 100         | 28 days            | A,<br>new lot        | GLC2L 090 v1<br>GLC2B 932 v2<br>GLC2D 901 v3       | A 1<br>A 1, 2, 3<br>A 2, 3 | 11:06          | < 2%              | 10%            |
|                  | Glucose Bio HT             | 06608418001 | 800             | 56 days            | A,<br>new lot        | GLC3L 0-081 v1<br>GLC3B 0-938 v3<br>GLC3D 0-713 v4 | A 1<br>A 1, 2, 3<br>A 2, 3 | 12:11          | < 2%              | 10%            |
| <b>Glutamate</b> | Glutamate V2 Bio           | 07395582001 | 4 x 50          | 28 days            | A,<br>lot, 56 days   | GLU2B 812 v2<br>GLU2D 813 v2                       | A 1, 2, 3<br>A 2, 3        | 12:00          | < 3%              | 15%            |
|                  | Glutamate V2 Bio HT        | 07395566001 | 200             | 56 days            | A,<br>lot, 56 days   | GLU2B 0-894 v1<br>GLU2D 0-978 v1                   | A 1, 2, 3<br>A 2, 3        | 12:11          | < 3%              | 15%            |
| <b>Glutamine</b> | Glutamine V2 Bio           | 07395655001 | 4 x 50          | 28 days            | B,<br>lot, 84 days   | GLN2B 015 v4<br>GLN2D 016 v4                       | B 1, 2, 3<br>B 1, 2, 3     | 12:00          | < 3%              | 15%            |
|                  | Glutamine V2 Bio HT        | 07395612001 | 200             | 84 days            | B,<br>lot, 84 days   | GLN2B 0-737 v2<br>GLN2D 0-674 v2                   | B 1, 2, 3<br>B 1, 2, 3     | 20:12          | < 3%              | 15%            |



| Test, Analyte       | Test kit        | Cat. no.    | Content [tests] | On-board stability | Calibrator, interval                  | Test code  | Control levels                            | Time [min:sec] | Typical precision | Accuracy spec. |
|---------------------|-----------------|-------------|-----------------|--------------------|---------------------------------------|--|---|----------------|-------------------|----------------|
| <b>Glycerol</b>     | Glycerol Bio    | 07374607001 | 4 x 50          | 28 days            | A, new lot                            | GLYB 605 v1<br>GLYD 606 v1   | A 1, 2, 3<br>A 2, 3                       | 06:18          | < 3%              | 10%            |
|                     | Glycerol Bio HT | 06990126001 | 250             | 56 days            | A, new lot                            | GLYB 0-747 v3<br>GLYD 0-794 v1<br>GLYE 0-127 v1                      | A 1, 2, 3<br>A 2, 3<br>custom             | 07:25          | < 2%              | 10%            |
| <b>Ig Fab human</b> | Ig Fab Bio      | 08881332001 | 4 x 50          | 28 days            | A custom custom custom, lot, 84 days  | FABLA 202 v1<br>FABLB 201 v1<br>FABHB 203 v1<br>FABHD 204 v1         | A2 dil. 1:2<br>custom<br>custom<br>custom | 10:36          | < 4%              | 15%            |
|                     | Ig Fab Bio HT   | 08881359001 | 200             | 154 days           | A custom custom custom, lot, 154 days | FABLA 0-105 v1<br>FABLB 0-104 v1<br>FABHB 0-106 v1<br>FABHD 0-107 v1 | A2 dil. 1:2<br>custom<br>custom<br>custom | 12:00          | < 4%              | 15%            |
| <b>IgG human</b>    | IgG Bio         | 06681743001 | 2 x 100         | 28 days            | A, new lot                            | IGGLB 923 v2<br>IGGHB 926 v2<br>IGGHD 908 v2                         | A2 dil. 1:10<br>A 2, 3<br>A 2, 3          | 08:00          | < 2%              | 18%            |
|                     | IgG Bio HT      | 06608540001 | 100             | 84 days            | A, new lot                            | IGGLB 0-919 v5<br>IGGHB 0-926 v4<br>IGGHD 0-722 v4                   | A2 dil. 1:10<br>A 2, 3<br>A 2, 3          | 11:19          | < 2%              | 10%            |
| <b>Iron</b>         | Iron Bio        | 06990045001 | 2 x 50          | 28 days            | C, new lot t                          | FE2B 929 v2<br>FE2D 924 v1   | C 1, 2, 3<br>C 2, 3                       | 09:00          | < 3%              | 10%            |
|                     | Iron Bio HT     | 06990053001 | 200             | 42 days            | C, new lot                            | FE2B 0-765 v5<br>FE2D 0-796 v3                                       | C 1, 2, 3<br>C 2, 3                       | 09:43          | < 3%              | 10%            |
| <b>Lactate</b>      | Lactate Bio     | 06343759001 | 4 x 50          | 28 days            | A, new lot                            | LAC2B 933 v2<br>LAC2D 902 v3   | A 1, 2, 3<br>A 2, 3                       | 07:30          | < 2%              | 10%            |
|                     | Lactate Bio HT  | 06608485001 | 100             | 84 days            | A, new lot                            | LAC2B 0-933 v3<br>LAC2D 0-714 v4                                     | A 1, 2, 3<br>A 2, 3                       | 08:39          | < 2%              | 10%            |



| Test, Analyte                | Test kit                               | Cat. no.    | Content [tests] | On-board stability | Calibrator, interval | Test code  | Control levels                     | Time [min:sec] | Typical precision | Accuracy spec. |
|------------------------------|--|-------------|-----------------|--------------------|----------------------|--|------------------------------------|----------------|-------------------|----------------|
| <b>LDH</b>                   | LDH Bio                                | 06343767001 | 4 x 50          | 28 days            | B,<br>new lot        | LDH2B 996 v2<br>LDH2D 906 v2                       | B 1, 2, 3<br>B 2, 3                | 10:30          | < 3%              | 10%            |
|                              | LDH Bio HT                             | 06608493001 | 300             | 84 days            | B,<br>new lot        | LDH2B 0-959 v2<br>LDH2D 0-721 v2                   | B 1, 2, 3<br>B 2, 3                | 11:18          | < 3%              | 10%            |
| <b>Magnesium</b>             | Magnesium V2 Bio                       | 09324542001 | 4 x 50          | 28 days            | C,<br>new lot        | MG2L 040 v2<br>MG2B 043 v2<br>MG2D 044 v2          | C2 dil. 1:10<br>C 1, 2, 3<br>C 3   | 07:12          | < 2%              | 10%            |
|                              | Magnesium V2 Bio HT                    | 09324569001 | 250             | 84 days            | C,<br>new lot        | MG2L 0-341 v1<br>MG2B 0-340 v1<br>MG2D 0-339 v2    | C2 dil. 1:10<br>C 1, 2, 3<br>C 3   | 08:06          | < 2%              | 10%            |
| <b>Mouse IgG</b>             | Mouse IgG Bio                          | 08377944001 | 4 x 50          | 28 days            | F,<br>lot, 98 days   | MIGLB 080 v1<br>MIGHB 078 v1<br>MIGHD 079 v1       | F1<br>F 2, 3<br>custom             | 05:50          | < 3%              | 15%            |
|                              | Mouse IgG Bio HT                       | 08377979001 | 200             | 98 days            | F,<br>lot, 98 days   | MIGLB 0-201 v1<br>MIGHB 0-202 v1<br>MIGHD 0-203 v1 | F1<br>F 2, 3<br>custom             | 09:00          | < 3%              | 15%            |
| <b>Optical Density</b>       | OD Bio                                 | 07705620001 | 4 x 100         | 28 days            | not needed           | ODB 026 v2<br>ODD 027 v2                           | OD 1<br>OD 2, 3                    | 02:24          | < 2%              | 15%            |
|                              | OD Bio HT                              | 07705654001 | 400             | 112 days           | not needed           | ODB 0-257 v1<br>ODD 0-277 v1                       | OD 1<br>OD 2, 3                    | 03:21          | < 2%              | 15%            |
| <b>Osmolality calculated</b> | See below in chapter 'Profiles/Ratios' | -           | -               | -                  | -                    | -  | -                                  | -              | -                 | -              |
| <b>Phosphate</b>             | Phosphate Bio                          | 06990070001 | 4 x 50          | 28 days            | A,<br>new lot        | PHO2L 093 v1<br>PHO2B 583 v1<br>PHO2D 584 v1       | A1 dil. 1:5<br>A 1, 2, 3<br>A 2, 3 | 10:12          | < 2%              | 10%            |
|                              | Phosphate Bio HT                       | 06990088001 | 250             | 84 days            | A,<br>new lot        | PHO2L 0-084 v1<br>PHO2B 0-742 v4<br>PHO2D 0-773 v2 | A1 dil. 1:5<br>A 1, 2, 3<br>A 2, 3 | 11:08          | < 2%              | 10%            |



| Test, Analyte                | Test kit                       | Cat. no.    | Content [tests] | On-board stability | Calibrator, interval | Test code     |                |           | Control levels           | Time [min:sec] | Typical precision | Accuracy spec. |
|------------------------------|--------------------------------|-------------|-----------------|--------------------|----------------------|---------------|----------------|-----------|--------------------------|----------------|-------------------|----------------|
| <b>Potassium ISE</b>         | ISE Potassium Electrode Bio    | 06437338001 | 1 sensor        | 180 days           | daily                | K-I           | 990            | v1        | A 1, 2, 3                | 00:50          | < 2%              | 15%            |
|                              | ISE Potassium Electrode Bio HT | 06664253001 | 1 sensor        | 180 days           | daily                | K-I<br>[K-D   | 0-502<br>0-402 | v2<br>v2] | A 1, 2, 3<br>(A 1, 2, 3) | 00:53          | < 2%              | 15%            |
| <b>Potassium photometric</b> | Potassium Bio                  | 08881367001 | 4 x 50          | 21 days            | K,<br>set, 14 days   | KB<br>KD      | 081<br>082     | v1<br>v1  | F 1, 2, 3<br>custom      | 08:06          | < 4%              | 15%            |
|                              | Potassium Bio HT               | 08881731001 | 165             | 168 days           | K,<br>lot, 56 days   | KB<br>KD      | 0-344<br>0-345 | v1<br>v1  | F 1, 2, 3<br>custom      | 09:43          | < 4%              | 15%            |
| <b>Pyruvate</b>              | Pyruvate Bio                   | 07395680001 | 4 x 50          | 28 days            | D,<br>lot, 56 days   | PYRB<br>PYRD  | 011<br>012     | v3<br>v2  | D 1, 2, 3<br>D 2, 3      | 09:00          | < 2%              | 15%            |
|                              | Pyruvate Bio HT                | 07299818001 | 200             | 56 days            | D,<br>lot, 56 days   | PYRB<br>PYRD  | 0-799<br>0-886 | v1<br>v2  | D 1, 2, 3<br>D 2, 3      | 10:36          | < 2%              | 15%            |
| <b>Sodium ISE</b>            | ISE Sodium Electrode Bio       | 06437184001 | 1 sensor        | 238 days           | daily                | NA-I          | 989            | v1        | A 1, 2, 3                | 00:50          | < 2%              | 15%            |
|                              | ISE Sodium Electrode Bio HT    | 06664237001 | 1 sensor        | 180 days           | daily                | NA-I<br>[NA-D | 0-501<br>0-401 | v2<br>v2] | A 1, 2, 3<br>[A 1, 2, 3] | 00:53          | < 2%              | 15%            |
| <b>Sodium photometric</b>    | Sodium Bio                     | 08881863001 | 4 x 50          | 21 days            | F,<br>lot, 112 days  | NAB<br>NAD    | 054<br>055     | v3<br>v4  | F 1, 2, 3<br>NaCl 1:2    | 11:24          | < 3%              | 15%            |
|                              | Sodium Bio HT                  | 08881871001 | 200             | 161 days           | F,<br>lot, 161 days  | NAB<br>NAD    | 0-342<br>0-343 | v1<br>v2  | F 1, 2, 3<br>NaCl 1:2    | 12:11          | < 2%              | 15%            |
| <b>Sucrose</b>               | Sucrose Bio                    | 07705557001 | 4 x 50          | 28 days            | A,<br>lot, 84 days   | SUCB<br>SUCD  | 021<br>022     | v1<br>v1  | D 1, 2, 3<br>D 2, 3      | 11:06          | < 2%              | 15%            |
|                              | Sucrose Bio HT                 | 07705565001 | 200             | 84 days            | A,<br>lot, 84 days   | SUCB<br>SUCD  | 0-995<br>0-707 | v1<br>v1  | D 1, 2, 3<br>D 2, 3      | 12:11          | < 2%              | 15%            |



| Test, Analyte        | Test kit             | Cat. no.    | Content [tests] | On-board stability | Calibrator, interval                     | Test code  | Control levels                   | Time [min:sec] | Typical precision | Accuracy spec. |
|----------------------|----------------------|-------------|-----------------|--------------------|--|--|----------------------------------|----------------|-------------------|----------------|
| <b>Total Protein</b> | Total Protein Bio    | 07374593001 | 2 x 100         | 28 days            | A,<br>lot, 7 days<br>new lot<br>new lot  | TP2LB 587 v1<br>TP2B 585 v2<br>TP2D 586 v3       | A1 dil. 1:10<br>A 1, 2, 3<br>A 3 | 09:54          | < 3%              | 10%            |
|                      | Total Protein Bio HT | 06990169001 | 300             | 28 days            | A,<br>lot, 84 days<br>new lot<br>new lot | TP2LB 0-753 v1<br>TP2B 0-748 v4<br>TP2D 0-795 v3 | A1 dil. 1:10<br>A 1, 2, 3<br>A 3 | 09:11          | < 3%              | 10%            |



| Test, Analyte            | System | Test code | Sample vol. [µl] | Factor predil. (re-run) | Test range (with automated dilution)   |                                 | Conversion factor unit A → unit B |
|--------------------------|--------|-----------|------------------|-------------------------|--|---------------------------------|-----------------------------------|
|                          |        |           |                  |                         | standard unit A                        | lab unit B                      |                                   |
| <b>Acetate</b>           | Bio    | AC2B      | 2                | -- (1:10)               | 0.25 - 38.9 mmol/L (⇒389 mmol/L)       | 15 - 2300 mg/L (⇒23 g/L)        | 1 mmol/L = 59.05 mg/L             |
|                          |        | AC2D      | 20               | 1:10 (1:10)             | 14 - 389 mmol/L (⇒3894 mmol/L)         | 800 - 23000 mg/L (⇒230 g/L)     |                                   |
|                          | Bio HT | AC2B      | 2                | -- (1:10)               | 0.17 - 38.9 mmol/L (⇒389 mmol/L)       | 10 - 2300 mg/L (⇒23 g/L)        | 1 mmol/L = 59.05 mg/L             |
|                          |        | AC2D      | 20               | 1:10 (1:10)             | 14 - 389 mmol/L (⇒3894 mmol/L)         | 800 - 23000 mg/L (⇒230 g/L)     |                                   |
| <b>Ala-Gln, GlutaMAX</b> | Bio    | AQB       | 4                | -- (1:10)               | 0.1 - 10 mmol/L (⇒100 mmol/L)          | 21.72 - 2172 mg/L (⇒21.72 g/L)  | 1 mmol/L = 217.2 mg/L             |
|                          |        | AQD       | 20               | 1:10 (1:10)             | 1 - 100 mmol/L (⇒1000 mmol/L)          | 217.2 - 21720 mg/L (⇒217.2 g/L) |                                   |
|                          | Bio HT | AQB       | 4                | -- (1:10)               | 0.1 - 10 mmol/L (⇒100 mmol/L)          | 21.72 - 2172 mg/L (⇒21.72 g/L)  | 1 mmol/L = 217.2 mg/L             |
|                          |        | AQD       | 20               | 1:10 (1:10)             | 1 - 100 mmol/L (⇒1000 mmol/L)          | 217.2 - 21720 mg/L (⇒217.2 g/L) |                                   |
| <b>Arabinose</b>         | Bio    | ARAB      | 5                | -- (1:10)               | 0.055 - 27.75 mmol/L (⇒277.5 mmol/L)   | 8.3 - 4166 mg/L (⇒42 g/L)       | 1 mmol/L = 150.1 mg/L             |
|                          |        | ARAD      | 20               | 1:10 (1:10)             | 0.55 - 277.5 mmol/L (⇒max. solubility) | 83 - 41661 mg/L (⇒max. sol.)    |                                   |
|                          | Bio HT | ARAB      | 5                | -- (1:10)               | 0.055 - 27.75 mmol/L (⇒277.5 mmol/L)   | 8.3 - 4166 mg/L (⇒42 g/L)       | 1 mmol/L = 150.1 mg/L             |
|                          |        | ARAD      | 20               | 1:10 (1:10)             | 0.55 - 277.5 mmol/L (⇒max. solubility) | 83 - 41661 mg/L (⇒max. sol.)    |                                   |
| <b>Ammonia, NH3</b>      | Bio    | NH3LB     | 20               | -- (1:20)               | 0.0278 - 1.389 mmol/L (⇒27.78 mmol/L)  | 0.4734 - 23.66 mg/L (⇒473 mg/L) | 1 mmol/L = 17.03 mg/L             |
|                          |        | NH3B      | 2                | -- (1:20)               | 0.278 - 13.89 mmol/L (⇒277.8 mmol/L)   | 4.734 - 236.6 mg/L (⇒4.73 g/L)  |                                   |
|                          |        | NH3D      | 10               | 1:20 (1:20)             | 5.56 - 277.8 mmol/L (⇒5556 mmol/L)     | 94.69 - 4734 mg/L (⇒94.7 g/L)   |                                   |
|                          | Bio HT | NH3LB     | 20               | -- (1:20)               | 0.0278 - 1.389 mmol/L (⇒27.78 mmol/L)  | 0.4734 - 23.66 mg/L (⇒473 mg/L) | 1 mmol/L = 17.03 mg/L             |
|                          |        | NH3B      | 2                | -- (1:20)               | 0.278 - 13.89 mmol/L (⇒277.8 mmol/L)   | 4.734 - 236.6 mg/L (⇒4.73 g/L)  |                                   |
|                          |        | NH3D      | 10               | 1:20 (1:20)             | 5.56 - 277.8 mmol/L (⇒5556 mmol/L)     | 94.69 - 4734 mg/L (⇒94.7 g/L)   |                                   |
| <b>Calcium</b>           | Bio    | CA2B      | 3                | -- (1:10)               | 0.2 - 5 mmol/L (⇒50 mmol/L)            | 8.02 - 200.4 mg/L (⇒2 g/L)      | 1 mmol/L = 40.08 mg/L             |
|                          |        | CA2D      | 20               | 1:10 (1:10)             | 2 - 50 mmol/L (⇒500 mmol/L)            | 80.2 - 2004 mg/L (⇒20 g/L)      |                                   |
|                          | Bio HT | CA2B      | 3                | -- (1:10)               | 0.2 - 5 mmol/L (⇒50 mmol/L)            | 8.02 - 200.4 mg/L (⇒2 g/L)      | 1 mmol/L = 40.08 mg/L             |
|                          |        | CA2D      | 20               | 1:10 (1:10)             | 2 - 50 mmol/L (⇒500 mmol/L)            | 80.2 - 2004 mg/L (⇒20 g/L)      |                                   |
| <b>Cholesterol</b>       | Bio    | CHO2B     | 20               | -- (1:10)               | 0.025 - 2.07 mmol/L (⇒20.7 mmol/L)     | 9.67 - 800 mg/L (⇒8 g/L)        | 1 mmol/L = 386.6 mg/L             |
|                          |        | CHO2D     | 20               | 1:10 (1:10)             | 0.25 - 20.7 mmol/L (⇒207 mmol/L)       | 96.7 - 8000 mg/L (⇒80 g/L)      |                                   |
|                          | Bio HT | CHO2B     | 20               | -- (1:10)               | 0.01 - 2.07 mmol/L (⇒20.7 mmol/L)      | 3.87 - 800 mg/L (⇒8 g/L)        | 1 mmol/L = 386.6 mg/L             |
|                          |        | CHO2D     | 20               | 1:10 (1:10)             | 0.1 - 20.7 mmol/L (⇒207 mmol/L)        | 38.7 - 8000 mg/L (⇒80 g/L)      |                                   |



| Test, Analyte    | System | Test code | Sample vol. [µl] | Factor predil. (re-run) | Test range (with automated dilution re-run) |                               | Conversion factor unit A → B |
|------------------|--------|-----------|------------------|-------------------------|---|-------------------------------|------------------------------|
|                  |        |           |                  |                         | standard unit A                             | lab unit B                    |                              |
| <b>Ethanol</b>   | Bio    | ETOHB     | 4                | -- ( -- )               | 11 - 220 mmol/L                             | 507 - 10135 mg/L              | 1 mmol/L = 46.07 mg/L        |
|                  |        | ETOHD     | 10               | 1:20 ( -- )             | 220 - 4400 mmol/L                           | 10135 - 202708 mg/L           |                              |
|                  | Bio HT | ETOHB     | 4                | -- ( -- )               | 11 - 220 mmol/L                             | 507 - 10135 mg/L              |                              |
|                  |        | ETOHD     | 10               | 1:20 ( -- )             | 220 - 4400 mmol/L                           | 10135 - 202708 mg/L           |                              |
| <b>Formate</b>   | Bio    | FORB      | 5                | -- (1:10)               | 0.2 - 20 mmol/L (⇒200 mmol/L)               | 9.0 - 900.4 mg/L (⇒9 g/L)     | 1 mmol/L = 45.02 mg/L        |
|                  |        | FORD      | 20               | 1:10 (1:10)             | 2 - 200 mmol/L (⇒2000 mmol/L)               | 90 - 9004 mg/L (⇒90 g/L)      |                              |
|                  | Bio HT | FORB      | 4.5              | -- (1:10)               | 0.2 - 20 mmol/L (⇒200 mmol/L)               | 9.0 - 900.4 mg/L (⇒9 g/L)     |                              |
|                  |        | FORD      | 20               | 1:10 (1:10)             | 2 - 200 mmol/L (⇒2000 mmol/L)               | 90 - 9004 mg/L (⇒90 g/L)      |                              |
| <b>Galactose</b> | Bio    | GAL2B     | 5                | -- (1:10)               | 0.055 - 27.75 mmol/L (⇒277.5 mmol/L)        | 9.9 - 5000 mg/L (⇒50 g/L)     | 1 mmol/L = 180.2 mg/L        |
|                  |        | GAL2D     | 20               | 1:10 (1:10)             | 0.55 - 277.5 mmol/L (⇒max. solubility)      | 99 - 50000 mg/L (⇒max. sol.)  |                              |
|                  | Bio HT | GAL2B     | 5                | -- (1:10)               | 0.055 - 27.75 mmol/L (⇒277.5 mmol/L)        | 9.9 - 5000 mg/L (⇒50 g/L)     |                              |
|                  |        | GAL2D     | 20               | 1:10 (1:10)             | 0.55 - 277.5 mmol/L (⇒max. solubility)      | 99 - 50000 mg/L (⇒max. sol.)  |                              |
| <b>Glucose</b>   | Bio    | GLC2L     | 20               | -- (1:10)               | 0.011 - 4.163 mmol/L (⇒41.63 mmol/L)        | 2 - 750 mg/L (⇒7.5 g/L)       | 1 mmol/L = 180.2 mg/L        |
|                  |        | GLC2B     | 2                | -- (1:10)               | 0.111 - 41.63 mmol/L (⇒416.3 mmol/L)        | 20 - 7502 mg/L (⇒75 g/L)      |                              |
|                  |        | GLC2D     | 20               | 1:10 (1:10)             | 1.11 - 416.3 mmol/L (⇒max. solubility)      | 200 - 75017 mg/L (⇒max. sol.) |                              |
|                  | Bio HT | GLC3L     | 20               | -- (1:10)               | 0.022 - 4.163 mmol/L (⇒41.63 mmol/L)        | 4 - 750 mg/L (⇒7.5 g/L)       |                              |
|                  |        | GLC3B     | 2                | -- (1:10)               | 0.111 - 41.63 mmol/L (⇒416.3 mmol/L)        | 20 - 7502 mg/L (⇒75 g/L)      |                              |
|                  |        | GLC3D     | 20               | 1:10 (1:10)             | 1.11 - 416.3 mmol/L (⇒max. solubility)      | 200 - 75017 mg/L (⇒max. sol.) |                              |
| <b>Glutamate</b> | Bio    | GLU2B     | 2                | -- (1:10)               | 0.099 - 10.2 mmol/L (⇒102 mmol/L)           | 14.56 - 1500 mg/L (⇒15 g/L)   | 1 mmol/L = 147.1 mg/L        |
|                  |        | GLU2D     | 20               | 1:10 (1:10)             | 0.99 - 102 mmol/L (⇒1020 mmol/L)            | 145.6 - 15004 mg/L (⇒150 g/L) |                              |
|                  | Bio HT | GLU2B     | 2                | -- (1:10)               | 0.099 - 10.2 mmol/L (⇒102 mmol/L)           | 14.56 - 1500 mg/L (⇒15 g/L)   |                              |
|                  |        | GLU2D     | 20               | 1:10 (1:10)             | 0.99 - 102 mmol/L (⇒1020 mmol/L)            | 145.6 - 15004 g/L (⇒150 g/L)  |                              |
| <b>Glutamine</b> | Bio    | GLN2B     | 2                | -- (1:5)                | 0.1 - 10.26 mmol/L (⇒51.3 mmol/L)           | 14.62 - 1500 mg/L (⇒7.5 g/L)  | 1 mmol/L = 146.2 mg/L        |
|                  |        | GLN2D     | 40               | 1:5 (1:5)               | 0.5 - 51.3 mmol/L (⇒max. solubility)        | 73.1 - 7500 mg/L (⇒max. sol.) |                              |
|                  | Bio HT | GLN2B     | 2                | -- (1:5)                | 0.1 - 10.26 mmol/L (⇒51.3 mmol/L)           | 14.62 - 1500 mg/L (⇒7.5 g/L)  |                              |
|                  |        | GLN2D     | 40               | 1:5 (1:5)               | 0.5 - 51.3 mmol/L (⇒max. solubility)        | 73.1 - 7500 mg/L (⇒max. sol.) |                              |





| Test, Analyte       | System | Test code | Sample vol. [µl] | Factor predil. (re-run) | Test range (with automated dilution re-run) |                               |                        |  | Conversion factor unit A → B |
|---------------------|--------|-----------|------------------|-------------------------|---|-------------------------------|------------------------|--|------------------------------|
|                     |        |           |                  |                         | standard unit A                             |                               | lab unit B             |  |                              |
| <b>Glycerol</b>     | Bio    | GLYB      | 2                | -- (1:10)               | 0.1 - 10 mmol/L (⇔100 mmol/L)               | 9.209 - 920.9 mg/L (⇔9.2 g/L) | 1 mmol/L = 92.09 mg/L  |  |                              |
|                     |        | GLYD      | 20               | 1:10 (1:10)             | 1 - 100 mmol/L (⇔1000 mmol/L)               | 92.09 - 9209 mg/L (⇔92 g/L)   |                        |  |                              |
|                     | Bio HT | GLYB      | 2                | -- (1:10)               | 0.1 - 10 mmol/L (⇔100 mmol/L)               | 9.209 - 920.9 mg/L (⇔9.2 g/L) | 1 mmol/L = 92.09 mg/L  |  |                              |
|                     |        | GLYD      | 20               | 1:10 (1:10)             | 1 - 100 mmol/L (⇔1000 mmol/L)               | 92.09 - 9209 mg/L (⇔92 g/L)   |                        |  |                              |
|                     |        | GLYE      | 2                | 1:100 (1:10)            | 10 - 1000 mmol/L (⇔10000 mmol/L)            | 920.9 - 92090 mg/L (⇔920 g/L) |                        |  |                              |
| <b>Ig Fab human</b> | Bio    | FABLA     | 12               | -- ( -- )               | 130 - 350 mg/L                              | ---                           | ---                    |  |                              |
|                     |        | FABLB     | 12               | -- (1:10)               | 10 - 400 mg/L (⇔4000 mg/L)                  |                               |                        |  |                              |
|                     |        | FABHB     | 10               | 1:20 (1:10)             | 300 - 8000 mg/L (⇔80000 mg/L)               |                               |                        |  |                              |
|                     |        | FABHD     | 2                | 1:100 (1:10)            | 6000 - 40000 mg/L (⇔400000 mg/L)            |                               |                        |  |                              |
|                     | Bio HT | FABLA     | 12               | -- ( -- )               | 130 - 350 mg/L                              | ---                           | ---                    |  |                              |
|                     |        | FABLB     | 12               | -- (1:10)               | 10 - 400 mg/L (⇔4000 mg/L)                  |                               |                        |  |                              |
|                     |        | FABHB     | 10               | 1:20 (1:10)             | 300 - 8000 mg/L (⇔80000 mg/L)               |                               |                        |  |                              |
|                     |        | FABHD     | 2                | 1:100 (1:10)            | 6000 - 40000 mg/L (⇔400000 mg/L)            |                               |                        |  |                              |
| <b>IgG human</b>    | Bio    | IGGLB     | 25               | -- ( -- )               | 0.067 - 0.533 µmol/L                        | 10 - 80 mg/L                  | 1 µmol/L = 150 mg/L    |  |                              |
|                     |        | IGGHB     | 2                | -- (1:5)                | 0.533 - 10.67 µmol/L (⇔53.35 µmol/L)        | 80 - 1600 mg/L (⇔8 g/L)       |                        |  |                              |
|                     |        | IGGHD     | 40               | 1:5 (1:5)               | 2.665 - 53.35 µmol/L (⇔266.8 µmol/L)        | 400 - 8000 mg/L (⇔40 g/L)     |                        |  |                              |
|                     | Bio HT | IGGLB     | 25               | -- ( -- )               | 0.067 - 0.533 µmol/L                        | 10 - 80 mg/L                  | 1 µmol/L = 150 mg/L    |  |                              |
|                     |        | IGGHB     | 2                | -- (1:5)                | 0.533 - 10.67 µmol/L (⇔53.35 µmol/L)        | 80 - 1600 mg/L (⇔8 g/L)       |                        |  |                              |
|                     |        | IGGHD     | 40               | 1:5 (1:5)               | 2.665 - 53.35 µmol/L (⇔max. solubility)     | 400 - 8000 mg/L (⇔max. sol.)  |                        |  |                              |
| <b>Iron</b>         | Bio    | FE2B      | 8.5              | -- (1:10)               | 0.9 - 179 µmol/L (⇔1790 µmol/L)             | 0.0503 - 10 mg/L (⇔100 mg/L)  | 1 µmol/L = 0.0559 mg/L |  |                              |
|                     |        | FE2D      | 20               | 1:10 (1:10)             | 9 - 1790 µmol/L (⇔17900 µmol/L)             | 0.503 - 100 mg/L (⇔1000 mg/L) |                        |  |                              |
|                     | Bio HT | FE2B      | 8.5              | -- (1:10)               | 0.9 - 179 µmol/L (⇔1790 µmol/L)             | 0.0503 - 10 mg/L (⇔100 mg/L)  | 1 µmol/L = 0.0559 mg/L |  |                              |
|                     |        | FE2D      | 20               | 1:10 (1:10)             | 9 - 1790 µmol/L (⇔17900 µmol/L)             | 0.503 - 100 mg/L (⇔1000 mg/L) |                        |  |                              |
| <b>Lactate</b>      | Bio    | LAC2B     | 2                | -- (1:10)               | 0.0444 - 15.55 mmol/L (⇔155.5 mmol/L)       | 4 - 1401 mg/L (⇔14 g/L)       | 1 mmol/L = 90.09 mg/L  |  |                              |
|                     |        | LAC2D     | 20               | 1:10 (1:10)             | 0.444 - 155.5 mmol/L (⇔1555 mmol/L)         | 40 - 14009 mg/L (⇔140 g/L)    |                        |  |                              |
|                     | Bio HT | LAC2B     | 2                | -- (1:10)               | 0.0444 - 15.55 mmol/L (⇔155.5 mmol/L)       | 4 - 1401 mg/L (⇔14 g/L)       | 1 mmol/L = 90.09 mg/L  |  |                              |
|                     |        | LAC2D     | 20               | 1:10 (1:10)             | 0.444 - 155.5 mmol/L (⇔1555 mmol/L)         | 40 - 14009 mg/L (⇔140 g/L)    |                        |  |                              |



| Test, Analyte                | System                                 | Test code | Sample vol. [µl] | Factor predil. (re-run) | Test range (with automated dilution re-run) |               | Conversion factor unit A → B      |                       |
|------------------------------|--|-----------|------------------|-------------------------|---|---------------|-----------------------------------|-----------------------|
|                              |  |           |                  |                         | standard unit A                             | lab unit B    |                                   |                       |
| <b>LDH</b>                   | Bio                                    | LDH2B     | 4                | -- (1:10)               | 20 - 1000 U/L                               | (⇒10000 U/L)  | 0.334 - 16.7 µkat/L (⇒167 µkat/L) | 1 U/L = 0.0167 µkat/L |
|                              |  | LDH2D     | 20               | 1:10 (1:10)             | 200 - 10000 U/L                             | (⇒100000 U/L) | 3.34 - 167 µkat/L (⇒1670 µkat/L)  |                       |
|                              | Bio HT                                 | LDH2B     | 4                | -- (1:10)               | 20 - 1000 U/L                               | (⇒10000 U/L)  | 0.334 - 16.7 µkat/L (⇒167 µkat/L) |                       |
|                              |  | LDH2D     | 20               | 1:10 (1:10)             | 200 - 10000 U/L                             | (⇒100000 U/L) | 3.34 - 167 µkat/L (⇒1670 µkat/L)  |                       |
| <b>Magnesium</b>             | Bio                                    | MG2L      | 15               | -- ( -- )               | 0.01 - 0.25 mmol/L                          |               | 0.243 - 6.08 mg/L (⇒60.8 mg/L)    | 1 mmol/L = 24.31 mg/L |
|                              |  | MG2B      | 3                | -- (1:10)               | 0.1 - 2.5 mmol/L                            | (⇒25 mmol/L)  | 2.43 - 60.8 mg/L (⇒608 mg/L)      |                       |
|                              |  | MG2D      | 20               | 1:10 (1:10)             | 1 - 25 mmol/L                               | (⇒250 mmol/L) | 36.5 - 608 mg/L (⇒6078 mg/L)      |                       |
|                              | Bio HT                                 | MG2L      | 15               | -- ( -- )               | 0.01 - 0.25 mmol/L                          |               | 0.243 - 6.08 mg/L (⇒60.8 mg/L)    |                       |
|                              |  | MG2B      | 3                | -- (1:10)               | 0.1 - 2.5 mmol/L                            | (⇒25 mmol/L)  | 2.43 - 60.8 mg/L (⇒608 mg/L)      |                       |
|                              |  | MG2D      | 20               | 1:10 (1:10)             | 1 - 25 mmol/L                               | (⇒250 mmol/L) | 36.5 - 608 mg/L (⇒6078 mg/L)      |                       |
| <b>Mouse IgG</b>             | Bio                                    | MIGLB     | 15               | -- ( -- )               | 10 - 200 mg/L                               |               |                                   |                       |
|                              |  | MIGHB     | 4                | -- (1:5)                | 200 - 1500 mg/L                             | (⇒7500 mg/L)  | ---                               | ---                   |
|                              |  | MIGHD     | 40               | 1:5 (1:5)               | 1000 - 7500 mg/L                            | (⇒37500 mg/L) |                                   |                       |
|                              | Bio HT                                 | MIGLB     | 25               | -- ( -- )               | 10 - 200 mg/L                               |               |                                   |                       |
|                              |  | MIGHB     | 5                | -- (1:5)                | 200 - 1500 mg/L                             | (⇒7500 mg/L)  | ---                               | ---                   |
|                              |  | MIGHD     | 40               | 1:5 (1:5)               | 1000 - 7500 mg/L                            | (⇒37500 mg/L) |                                   |                       |
| <b>Optical Density</b>       | Bio                                    | ODB       | 20               | -- ( -- )               | 0.1 - 10 OD                                 |               | ---                               | ---                   |
|                              |  | ODD       | 6.7              | 1:30 ( -- )             | 3 - 360 OD                                  |               |                                   |                       |
|                              | Bio HT                                 | ODB       | 20               | -- ( -- )               | 0.1 - 10 OD                                 |               | ---                               | ---                   |
|                              |  | ODD       | 6.7              | 1:30 ( -- )             | 3 - 360 OD                                  |               |                                   |                       |
| <b>Osmolality calculated</b> | See below in chapter 'Profiles/Ratios' |           |                  | -                       | -   | -             | -                                 |                       |



| Test, Analyte         | System | Test code      | Sample vol. [µl] | Factor predil. (re-run)    | Test range (with automated dilution re-run) |  | Conversion factor unit A → B |
|-----------------------|--------|----------------|------------------|----------------------------|---|--|------------------------------|
|                       |        |                |                  |                            | standard unit A                             | lab unit B                             |                              |
| Phosphate             | Bio    | PHO2L          | 25               | -- ( -- )                  | 0.01 - 0.837 mmol/L                         | 0.95 - 79.5 mg/L                       | 1 mmol/L = 94.97 mg/L        |
|                       |        | PHO2B          | 2.5              | -- (1:11)                  | 0.1 - 8.37 mmol/L (⇒92 mmol/L)              | 9.5 - 795 mg/L (⇒8.744 g/L)            |                              |
|                       |        | PHO2D          | 18               | 1:11 (1:11)                | 1.1 - 92.07 mmol/L (⇒1013 mmol/L)           | 105 - 8744 mg/L (⇒96.18 g/L)           |                              |
|                       | Bio HT | PHO2L          | 25               | -- ( -- )                  | 0.01 - 0.837 mmol/L                         | 0.95 - 79.5 mg/L                       | 1 mmol/L = 94.97 mg/L        |
|                       |        | PHO2B          | 2.5              | -- (1:11)                  | 0.1 - 8.37 mmol/L (⇒92 mmol/L)              | 9.5 - 795 mg/L (⇒8.744 g/L)            |                              |
|                       |        | PHO2D          | 18               | 1:11 (1:11)                | 1.1 - 92.07 mmol/L (⇒1013 mmol/L)           | 105 - 8744 mg/L (⇒96.18 g/L)           |                              |
| Potassium ISE         | Bio    | K-I            | 15               | 1:6 ( -- )                 | 1.0 - 30 mmol/L                             | 39.1 - 1173 mg/L                       | 1 mmol/L = 39.10 mg/L        |
|                       | Bio HT | K-I<br>[K-D]   | 20<br>[97]       | 1:6 ( -- )<br>[ -- ( -- )] | 0.2 - 30 mmol/L<br>[0.2 - 30 mmol/L]        | 7.82 - 1173 mg/L<br>[7.82 - 1173 mg/L] | 1 mmol/L = 39.10 mg/L        |
| Potassium photometric | Bio    | KB             | 2                | -- (1:10)                  | 2 - 28 mmol/L (⇒280 mmol/L)                 | 78 - 1095 mg/L (⇒10.95 g/L)            | 1 mmol/L = 39.10 mg/L        |
|                       |        | KD             | 20               | 1:10 (1:10)                | 24 - 280 mmol/L (⇒2800 mmol/L)              | 938 - 10948 mg/L (⇒109.5 g/L)          |                              |
|                       | Bio HT | KB             | 2                | -- (1:10)                  | 2 - 30 mmol/L (⇒300 mmol/L)                 | 78 - 1173 mg/L (⇒11.73 g/L)            | 1 mmol/L = 39.10 mg/L        |
|                       |        | KD             | 20               | 1:10 (1:10)                | 25 - 300 mmol/L (⇒3000 mmol/L)              | 978 - 11730 mg/L (⇒117.3 g/L)          |                              |
| Pyruvate              | Bio    | PYRB           | 6                | -- (1:10)                  | 0.2 - 8 mmol/L (⇒80 mmol/L)                 | 17.41 - 696.5 mg/L (⇒6.965 g/L)        | 1 mmol/L = 87.06 mg/L        |
|                       |        | PYRD           | 20               | 1:10 (1:10)                | 2 - 80 mmol/L (⇒800 mmol/L)                 | 174.1 - 6965 mg/L (⇒69.65 g/L)         |                              |
|                       | Bio HT | PYRB           | 6                | -- (1:10)                  | 0.1 - 8 mmol/L (⇒80 mmol/L)                 | 8.706 - 696.5 mg/L (⇒6.965 g/L)        | 1 mmol/L = 87.06 mg/L        |
|                       |        | PYRD           | 20               | 1:10 (1:10)                | 1 - 80 mmol/L (⇒800 mmol/L)                 | 87.06 - 6965 mg/L (⇒69.65 g/L)         |                              |
| Sodium ISE            | Bio    | NA-I           | 15               | 1:6 ( -- )                 | 20 - 250 mmol/L                             | 460 - 5748 mg/L                        | 1 mmol/L = 22.99 mg/L        |
|                       | Bio HT | NA-I<br>[NA-D] | 20<br>[97]       | 1:6 ( -- )<br>[ -- ( -- )] | 20 - 250 mmol/L<br>[20 - 250 mmol/L]        | 460 - 5748 mg/L<br>[460 - 5748 mg/L]   | 1 mmol/L = 22.99 mg/L        |
| Sodium photometric    | Bio    | NAB            | 3                | -- (1:5)                   | 50 - 275 mmol/L (⇒1375 mmol/L)              | 1.15 - 6.32 g/L (⇒31.61 g/L)           | 1 mmol/L = 22.99 mg/L        |
|                       |        | NAD            | 40               | 1:5 (1:5)                  | 250 - 1375 mmol/L (⇒6875 mmol/L)            | 5.75 - 31.61 g/L (⇒158 g/L)            |                              |
|                       | Bio HT | NAB            | 2.5              | -- (1:5)                   | 50 - 275 mmol/L (⇒1375 mmol/L)              | 1.15 - 6.32 g/L (⇒31.61 g/L)           | 1 mmol/L = 22.99 mg/L        |
|                       |        | NAD            | 40               | 1:5 (1:5)                  | 250 - 1375 mmol/L (⇒max. solubility)        | 5.75 - 31.61 g/L (⇒max. sol.)          |                              |



| Test, Analyte        | System | Test code | Sample vol. [µl] | Factor predil. (re-run) | Test range (with automated dilution re-run) |                                 | Conversion factor unit A → B |
|----------------------|--------|-----------|------------------|-------------------------|---|---------------------------------|------------------------------|
|                      |        |           |                  |                         | standard unit A                             | lab unit B                      |                              |
| <b>Sucrose</b>       | Bio    | SUCB      | 2                | -- (1:10)               | 0.292 - 40.9 mmol/L (⇒409 mmol/L)           | 100 - 14000 mg/L (⇒140 g/L)     | 1 mmol/L = 342.3 mg/L        |
|                      |        | SUCD      | 20               | 1:10 (1:10)             | 2.92 - 409 mmol/L (⇒max. solubility)        | 1000 - 140000 mg/L (⇒max. sol.) |                              |
|                      | Bio HT | SUCB      | 2                | -- (1:10)               | 0.292 - 40.9 mmol/L (⇒409 mmol/L)           | 100 - 14000 mg/L (⇒140 g/L)     |                              |
|                      |        | SUCD      | 20               | 1:10 (1:10)             | 2.92 - 409 mmol/L (⇒max. solubility)        | 1000 - 140000 mg/L (⇒max. sol.) |                              |
| <b>Total Protein</b> | Bio    | TP2LB     | 30               | -- --                   | 0.3 - 6.0 g/L                               |                                 |                              |
|                      |        | TP2B      | 2                | -- (1:10)               | 4 - 120 g/L (⇒1200 g/L)                     | ---                             | ---                          |
|                      |        | TP2D      | 20               | 1:10 (1:10)             | 40 - 1200 g/L (⇒max. solubility)            |                                 |                              |
|                      | Bio HT | TP2LB     | 30               | -- --                   | 0.3 - 6.0 g/L                               |                                 |                              |
|                      |        | TP2B      | 2                | -- (1:10)               | 4 - 120 g/L (⇒1200 g/L)                     | ---                             | ---                          |
|                      |        | TP2D      | 20               | 1:10 (1:10)             | 40 - 1200 g/L (⇒max. solubility)            |                                 |                              |



| Test, Analyte                                       | System | Kits required  | Cat. No.                                  | Ratio code     | Tests included        | Units  | Formula                                 | Remark                  |
|---|--------|--|---|----------------|-----------------------|--------|---|-------------------------|
| <b>Ala-Gln, GlutaMAX</b><br>corrected for glutamine | Bio    | Ala-Gln Bio<br>Glutamine V2 Bio                        | 08056978001<br>07395655001                | AQQB 911 v1    | AQB<br>GLN2B          | mmol/L | $AQB - GLN2B = AQQB$                    |                         |
|   | Bio HT | Ala-Gln Bio HT<br>Glutamine V2 Bio HT                  | 08056943001<br>07395612001                | AQQB 0-154 v1  | AQB<br>GLN2B          | mmol/L | $AQB - GLN2B = AQQB$                    |                         |
| <b>Osmolality</b><br>calculated                     | Bio    | Glucose Bio<br>Glutamine V2 Bio<br>Sodium Bio          | 06343732001<br>07395655001<br>08881863001 | OSM2B 925 v2   | GLC2B<br>GLN2B<br>NAB | mmol/L | $2 * NAB + 1.3 * GLC2B + GLN2B = OSM2B$ |                         |
|   | Bio HT | Glucose Bio HT<br>Glutamine V2 Bio HT<br>Sodium Bio HT | 06608418001<br>07395612001<br>08881871001 | OSM2B 0-909 v2 | GLC3B<br>GLN2B<br>NAB | mmol/L | $2 * NAB + 1.3 * GLC3B + GLN2B = OSM2B$ |                         |
| <b>Sucrose</b><br>corrected for glucose             | Bio    | Glucose Bio<br>Sucrose Bio                             | 06343732001<br>07705557001                | SUGLB 910 v1   | GLC2B<br>SUCB         | mmol/L | $SUCB - GLC2B = SUGLB$                  | < 40 mmol/L<br>in total |
|   |        |  |   | SUGLD 930 v1   | GLC2D<br>SUCD         | mmol/L | $SUCD - GLC2D = SUGLD$                  | > 40 mmol/L<br>in total |
|   | Bio HT | Glucose Bio HT<br>Sucrose Bio HT                       | 06608418001<br>07705565001                | SUGLB 0-022 v1 | GLC3B<br>SUCB         | mmol/L | $SUCB - GLC3B = SUGLB$                  | < 40 mmol/L<br>in total |
|   |        |  |   | SUGLD 0-153 v1 | GLC3D<br>SUCD         | mmol/L | $SUCD - GLC3D = SUGLD$                  | > 40 mmol/L<br>in total |

## Disclaimer

Cedex kits for determination of Ala-Gln, Glutamine, Iron, LDH, Magnesium, Sodium:

*For quality control/manufacturing of IVD/medical devices/pharmaceutical products only.*

All other Cedex products mentioned:

*For use in quality control/manufacturing process only.*