

Cedex Bio / Cedex Bio HT Tests Jun-2019

List 1



| Test, Analyte | Test kit | Cat. No. | Content [tests] | On-board stab. [days] | Calibration interval | Calibrator | Test code | Control levels | Time [min:sec] |
|--------------------------|--------------------|-------------|-----------------|-----------------------|----------------------|------------|----------------------------------|------------------------|----------------|
| Acetate | Acetate V2 Bio | 07395442001 | 4 x 50 | 28 | per lot, 56 days | D | AC2B 031 v1 AC2D 032 v1 | D 1, 2, 3 D 1, 2, 3 | 12:00 |
| | Acetate V2 Bio HT | 07395485001 | 200 | 56 | per lot, 56 days | D | AC2B 0-068 v3 AC2D 0-082 v3 | D 1, 2, 3 D 1, 2, 3 | 12:11 |
| Ala-Gln, GlutaMAX | Ala-Gln Bio | 08056978001 | 4 x 50 | 28 | per lot, 84 days | D | AQB 075 v1 AQD 076 v2 | D 1, 2, 3 D 2, 3 | 12:00 |
| | Ala-Gln Bio HT | 08056943001 | 200 | 84 | per lot, 84 days | D | AQB 0-186 v1 AQD 0-200 v3 | D 1, 2, 3 D 2, 3 | 20:12 |
| Ammonia, NH3 | NH3 Bio | 06343775001 | 2 x 100 | 28 | once per lot | B | NH3B 922 v3 NH3D 905 v3 | B 1, 2, 3 B 3 | 09:18 |
| | NH3 Bio HT | 06608515001 | 150 | 84 | once per lot | B | NH3B 0-914 v3 NH3D 0-719 v4 | B 1, 2, 3 B 3 | 10:18 |
| Calcium | Calcium Bio | 07374623001 | 2 x 100 | 42 | once per lot | C | CA2B 600 v1 CA2D 602 v1 | C 1, 2, 3 C 3 | 05:24 |
| | Calcium Bio HT | 06990100001 | 300 | 42 | once per lot | C | CA2B 0-745 v3 CA2D 0-790 v1 | C 1, 2, 3 C 3 | 06:22 |
| Cholesterol | Cholesterol Bio | 07374577001 | 2 x 100 | 28 | once per lot | B | CHO2B 603 v1 CHO2D 604 v1 | B 1, 2, 3 custom | 11:06 |
| | Cholesterol Bio HT | 07212763001 | 400 | 56 | once per lot | B | CHO2B 0-751 v3 CHO2D 0-752 v2 | B 1, 2, 3 custom | 12:11 |
| Ethanol | Ethanol Bio | 08055645001 | 4 x 50 | 28 | per lot, 56 days | E | ETOHB 046 v3 ETOHD 047 v3 | E 1, 2, 3 custom | 08:42 |
| | Ethanol Bio HT | 08055661001 | 100 | 56 | per lot, 56 days | E | ETOHB 0-248 v3 ETOHD 0-242 v4 | E 1, 2, 3 custom | 09:33 |
| Formate | Formate Bio | 07705590001 | 4 x 50 | 28 | per lot, 84 days | D | FORB 034 v1 FORD 036 v1 | D 1, 2, 3 D 2, 3 | 12:00 |
| | Formate Bio HT | 07705603001 | 200 | 140 | per lot, 140 days | D | FORB 0-176 v1 FORD 0-181 v1 | D 1, 2, 3 D 2, 3 | 12:22 |

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|------------------------|---------------------|-------------|-----------------|-----------------|----------------------|------------|--|----------------------------------|----------------|
| Galactose | Galactose V2 Bio | 08391599001 | 4 x 50 | 28 | per lot, 112 days | D | GAL2B 091 v1 GAL2D 092 v1 | D 1, 2, 3 D 2, 3 | 12:00 |
| | Galactose V2 Bio HT | 08391629001 | 200 | 112 | per lot, 112 days | D | GAL2B 0-091 v1 GAL2D 0-092 v1 | D 1, 2, 3 D 2, 3 | 12:11 |
| Glucose | Glucose Bio | 06343732001 | 2 x 100 | 28 | once per lot | A | GLC2B 932 v2 GLC2D 901 v3 | A 1, 2, 3 A 2, 3 | 11:06 |
| | Glucose Bio HT | 06608418001 | 800 | 56 | once per lot | A | GLC3B 0-938 v3 GLC3D 0-713 v4 | A 1, 2, 3 A 2, 3 | 12:11 |
| Glutamate | Glutamate V2 Bio | 07395582001 | 4 x 50 | 28 | per lot, 56 days | A | GLU2B 812 v2 GLU2D 813 v2 | A 1, 2, 3 A 2, 3 | 12:00 |
| | Glutamate V2 Bio HT | 07395566001 | 200 | 56 | per lot, 56 days | A | GLU2B 0-894 v1 GLU2D 0-978 v1 | A 1, 2, 3 A 2, 3 | 12:11 |
| Glutamine | Glutamine V2 Bio | 07395655001 | 4 x 50 | 28 | per lot, 84 days | B | GLN2B 015 v4 GLN2D 016 v4 | B 1, 2, 3 B 1, 2, 3 | 12:00 |
| | Glutamine V2 Bio HT | 07395612001 | 200 | 84 | per lot, 84 days | B | GLN2B 0-737 v2 GLN2D 0-674 v2 | B 1, 2, 3 B 1, 2, 3 | 20:12 |
| Glycerol | Glycerol Bio | 07374607001 | 4 x 50 | 28 | once per lot | A | GLYB 605 v1 GLYD 606 v1 | A 1, 2, 3 A 2, 3 | 06:18 |
| | Glycerol Bio HT | 06990126001 | 250 | 56 | once per lot | A | GLYB 0-747 v3 GLYD 0-794 v1 | A 1, 2, 3 A 2, 3 | 07:25 |
| IgG (human) | IgG Bio | 06681743001 | 2 x 100 | 28 | once per lot | A | IGGLB 923 v2 IGGHB 926 v2 IGGHD 908 v2 | A2 dil. 1:10 A 2, 3 A 2, 3 | 15:00 |
| | IgG Bio HT | 06608540001 | 100 | 84 | once per lot | A | IGGLB 0-919 v5 IGGHB 0-926 v4 IGGHD 0-722 v4 | A2 dil. 1:10 A 2, 3 A 2, 3 | 11:19 |

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List 1



| Test, Analyte | Test kit | Cat. No. | Content [tests] | On-board stab. | Calibration interval | Calibrator | Test code | Control levels | Time [min:sec] |
|------------------------------|--|-------------|-----------------|----------------|----------------------|------------|--|------------------------|----------------|
| Iron | Iron Bio | 06990045001 | 2 x 50 | 28 | once per lot | C | FE2B 929 v2 FE2D 924 v1 | C 1, 2, 3 C 1, 2, 3 | 09:00 |
| | Iron Bio HT | 06990053001 | 200 | 42 | once per lot | C | FE2B 0-765 v5 FE2D 0-796 v3 | C 1, 2, 3 C 1, 2, 3 | 09:43 |
| Lactate | Lactate Bio | 06343759001 | 4 x 50 | 28 | once per lot | A | LAC2B 933 v2 LAC2D 902 v3 | A 1, 2, 3 A 2, 3 | 07:30 |
| | Lactate Bio HT | 06608485001 | 100 | 84 | once per lot | A | LAC2B 0-933 v3 LAC2D 0-714 v4 | A 1, 2, 3 A 2, 3 | 08:39 |
| LDH | LDH Bio | 06343767001 | 4 x 50 | 28 | once per lot | B | LDH2B 996 v2 LDH2D 906 v2 | B 1, 2, 3 B 2, 3 | 10:30 |
| | LDH Bio HT | 06608493001 | 300 | 84 | once per lot | B | LDH2B 0-959 v2 LDH2D 0-721 v2 | B 1, 2, 3 B 2, 3 | 11:18 |
| Magnesium | Magnesium Bio | 07374615001 | 4 x 50 | 28 | once per lot | C | MGB 581 v1 MGD 582 v1 | C 1, 2, 3 C 3 | 06:00 |
| | Magnesium Bio HT | 06990118001 | 175 | 56 | once per lot | C | MGB 0-746 v3 MGD 0-793 v1 | C 1, 2, 3 C 3 | 07:07 |
| Mouse IgG | Mouse IgG Bio | 08377944001 | 4 x 50 | 28 | once per lot | F | MIGLB 080 v1 MIGHB 078 v1 MIGHD 079 v1 | F1 F 2, 3 custom | 05:50 |
| | Mouse IgG Bio HT | 08377979001 | 200 | 84 | once per lot | F | MIGLB 0-201 v1 MIGHB 0-202 v1 MIGHD 0-203 v1 | F1 F 2, 3 custom | 09:00 |
| Optical Density | OD Bio | 07705620001 | 4 x 100 | 28 | not needed | - | ODB 026 v2 ODD 027 v2 | OD 1 OD 2, 3 | 02:24 |
| | OD Bio HT | 07705654001 | 400 | 112 | not needed | - | ODB 0-257 v1 ODD 0-277 v1 | OD 1 OD 2, 3 | 03:21 |
| Osmolality calculated | See below in chapter 'Profiles/Ratios' | - | - | - | - | - | - | - | - |

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List 1



| Test, Analyte | Test kit | Cat. No. | Content [tests] | On-board [days] | Calibration interval | Calibrator | Test code | Control levels | Time [min:sec] |
|------------------------|--------------------------------|-------------|-----------------|-----------------|---|--------------------------------|--|-----------------------------------|----------------|
| Phosphate | Phosphate Bio | 06990070001 | 4 x 50 | 28 | once per lot | A | PHO2B 583 v1 PHO2D 584 v1 | A 1, 2, 3 A 2, 3 | 10:12 |
| | Phosphate Bio HT | 06990088001 | 250 | 84 | once per lot | A | PHO2B 0-742 v4 PHO2D 0-773 v2 | A 1, 2, 3 A 2, 3 | 11:08 |
| Potassium (ISE) | ISE Potassium Electrode Bio | 06437338001 | 1 sensor | 180 | daily | ISE Cal Ind. | K-I 990 v1 | A 1, 2, 3 | 00:50 |
| | ISE Potassium Electrode Bio HT | 06664253001 | 1 sensor | 180 | daily | ISE Cal Ind. [ISE Cal Dir.] | K-I 0-402 v0 [K-D 0-502 v0] | A 1, 2, 3 (A 1, 2, 3) | 00:53 |
| Pyruvate | Pyruvate Bio | 07395680001 | 4 x 50 | 28 | per lot, 56 days | D | PYRB 011 v1 PYRD 012 v1 | D 1, 2, 3 D 2, 3 | 09:00 |
| | Pyruvate Bio HT | 07299818001 | 200 | 56 | per lot, 56 days | D | PYRB 0-799 v1 PYRD 0-886 v2 | D 1, 2, 3 D 2, 3 | 10:36 |
| Sodium (ISE) | ISE Sodium Electrode Bio | 06437184001 | 1 sensor | 238 | daily | ISE Cal Ind. | NA-I 989 v1 | A 1, 2, 3 | 00:50 |
| | ISE Sodium Electrode Bio HT | 06664237001 | 1 sensor | 180 | daily | ISE Cal Ind. [ISE Cal Dir.] | NA-I 0-401 v0 [NA-D 0-501 v0] | A 1, 2, 3 [A 1, 2, 3] | 00:53 |
| Sucrose | Sucrose Bio | 07705557001 | 4 x 50 | 28 | per lot, 84 days | A | SUCB 021 v1 SUCD 022 v1 | D 1, 2, 3 D 2, 3 | 11:06 |
| | Sucrose Bio HT | 07705565001 | 200 | 84 | per lot, 84 days | A | SUCB 0-930 v1 SUCD 0-707 v1 | D 1, 2, 3 D 2, 3 | 12:11 |
| Total Protein | Total Protein Bio | 07374593001 | 2 x 100 | 28 | per lot, 7 days once per lot once per lot | A | TP2LB 587 v1 TP2B 585 v2 TP2D 586 v3 | A 1 dil. 1:10 A 1, 2, 3 A 3 | 09:54 |
| | Total Protein Bio HT | 06990169001 | 300 | 28 | per lot, 7 days once per lot once per lot | A | TP2LB 0-753 v1 TP2B 0-748 v4 TP2D 0-795 v3 | A 1 dil. 1:10 A 1, 2, 3 A 3 | 09:11 |



| 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 | |
| Acetate | Bio | AC2B | 2 | -- (1:10) | 0.25 - 38.95 mmol/L (⇒389.5 mmol/L) | 14.76 - 2300 mg/L (⇒23 g/L) | 1 mmol/L = 59.05 mg/L |
| | | AC2D | 20 | 1:10 (1:10) | 2.5 - 389.5 mmol/L (⇒3895 mmol/L) | 147.6 - 23000 mg/L (⇒230 g/L) | |
| | Bio HT | AC2B | 2 | -- (1:10) | 0.17 - 38.95 mmol/L (⇒389 mmol/L) | 10.04 - 2300 mg/L (⇒23 g/L) | |
| | | AC2D | 20 | 1:10 (1:10) | 1.7 - 389.5 mmol/L (⇒3895 mmol/L) | 100.4 - 23000 mg/L (⇒230 g/L) | |
| Ala-Gln, GlutaMAX | 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) | |
| | | AQD | 20 | 1:10 (1:10) | 1 - 100 mmol/L (⇒1000 mmol/L) | 217.2 - 21720 mg/L (⇒217.2 g/L) | |
| Ammonia, NH3 | Bio | NH3B | 2 | -- (1:20) | 0.278 - 13.89 mmol/L (⇒277.8 mmol/L) | 4.734 - 236.6 mg/L (⇒4.731 g/L) | 1 mmol/L = 17.03 mg/L |
| | | NH3D | 10 | 1:20 (1:20) | 5.56 - 277.8 mmol/L (⇒5556 mmol/L) | 94.69 - 4731 mg/L (⇒94.69 g/L) | |
| | Bio HT | NH3B | 2 | -- (1:20) | 0.278 - 13.89 mmol/L (⇒277.8 mmol/L) | 4.734 - 236.6 mg/L (⇒4.731 g/L) | |
| | | NH3D | 10 | 1:20 (1:20) | 5.56 - 277.8 mmol/L (⇒5556 mmol/L) | 94.69 - 4731 mg/L (⇒94.69 g/L) | |
| Calcium | 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) | |
| | | CA2D | 20 | 1:10 (1:10) | 2 - 50 mmol/L (⇒500 mmol/L) | 80.2 - 2004 mg/L (⇒20 g/L) | |
| Cholesterol | 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) | |
| | | CHO2D | 20 | 1:10 (1:10) | 0.026 - 20.7 mmol/L (⇒207 mmol/L) | 38.7 - 8000 mg/L (⇒80 g/L) | |
| Ethanol | 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 | |
| Formate | 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) | |



| 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 | |
| Galactose | 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) | 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.) | |
| Glucose | Bio | GLC2B | 2 | -- (1:10) | 0.111 - 41.63 mmol/L (⇒416.3 mmol/L) | 20 - 7502 mg/L (⇒75 g/L) | 1 mmol/L = 180.2 mg/L |
| | | GLC2D | 20 | 1:10 (1:10) | 1.11 - 416.3 mmol/L (⇒max. solubility) | 200 - 75017 mg/L (⇒max. sol.) | |
| | Bio HT | GLC3B | 2 | -- (1:10) | 0.111 - 41.63 mmol/L (⇒416.3 mmol/L) | 20 - 7502 mg/L (⇒75 g/L) | 1 mmol/L = 180.2 mg/L |
| | | GLC3D | 20 | 1:10 (1:10) | 1.11 - 416.3 mmol/L (⇒max. solubility) | 200 - 75017 mg/L (⇒max. sol.) | |
| Glutamate | 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) | 1 mmol/L = 147.1 mg/L |
| | | GLU2D | 20 | 1:10 (1:10) | 0.99 - 102 mmol/L (⇒1020 mmol/L) | 145.6 - 15004 g/L (⇒150 g/L) | |
| Glutamine | 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) | 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.) | |
| Glycerol | 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) | |
| IgG (human) | 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.) | |



| 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 | |
| Iron | 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) | |
| Lactate | 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) | |
| LDH | 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) | 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) | |
| Magnesium | Bio | MGB | 2 | -- (1:10) | 0.15 - 2.5 mmol/L (⇔25 mmol/L) | 3.647 - 60.78 mg/L (⇔608 mg/L) | 1 mmol/L = 24.31 mg/L |
| | | MGD | 20 | 1:10 (1:10) | 1.5 - 25 mmol/L (⇔250 mmol/L) | 36.47 - 607.8 mg/L (⇔6078 mg/L) | |
| | Bio HT | MGB | 2 | -- (1:10) | 0.15 - 2.5 mmol/L (⇔25 mmol/L) | 3.647 - 60.78 mg/L (⇔608 mg/L) | 1 mmol/L = 24.31 mg/L |
| | | MGD | 20 | 1:10 (1:10) | 1.5 - 25 mmol/L (⇔250 mmol/L) | 36.47 - 607.8 mg/L (⇔6078 mg/L) | |
| Mouse IgG | Bio | MIGLB | 25 | -- (--) | 10 - 200 mg/L | | --- |
| | | MIGHB | 2 | -- (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 | 2 | -- (1:5) | 200 - 1500 mg/L (⇔7500 mg/L) | | |
| | | MIGHD | 40 | 1:5 (1:5) | 1000 - 7500 mg/L (⇔37500 mg/L) | | |
| Optical Density | 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 | | |
| Osmolality calculated | See below in chapter 'Profiles/Ratios' | | | - | - | - | - |

Cedex Bio / Cedex Bio HT Tests Jun-2019



List 2

| 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 | PHO2B | 2.5 | -- (1:11) | 0.1 - 8.37 mmol/L (⇒92 mmol/L) | 9.5 - 795 mg/L (⇒8.744 g/L) | 1 mmol/L = 94.97 mg/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 | PHO2B | 2.5 | -- (1:11) | 0.1 - 8.37 mmol/L (⇒92 mmol/L) | 9.5 - 795 mg/L (⇒8.744 g/L) | 1 mmol/L = 94.97 mg/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 [K-D] | 20 [97] | 1:6 (--) [-- (--)] | 0.2 - 30 mmol/L [0.2 - 30 mmol/L] | 7.82 - 1173 mg/L [7.82 - 1173 mg/L] | 1 mmol/L = 39.10 mg/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 [NA-D] | 20 [97] | 1:6 (--) [-- (--)] | 20 - 250 mmol/L [20 - 250 mmol/L] | 460 - 5748 mg/L [460 - 5748 mg/L] | 1 mmol/L = 22.99 mg/L |
| Sucrose | 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) | 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.) | |
| Total Protein | 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) | | |

Cedex Bio / Cedex Bio HT Profiles/Ratios Jun-2019



| Test, Analyte | System | Kits required | Cat. No. | Ratio code | Included test codes | Units | Formula | Remark |
|---|--------|--|---|----------------|------------------------|--------|--------------------------------------|-------------------------|
| Ala-Gln, GlutaMAX corrected for glutamine | Bio | Ala-Gln Bio Glutamine V2 Bio | 08056978001 07395655001 | AQQB 911 v1 | AQB GLN2B | mmol/L | $AQB - GLN2B = AQQB$ | |
| | Bio HT | Ala-Gln Bio HT Glutamine V2 Bio HT | 08056943001 07395612001 | AQQB 0-154 v1 | AQB GLN2B | mmol/L | $AQB - GLN2B = AQQB$ | |
| Osmolality calculated | Bio | Glucose Bio Glutamine V2 Bio ISE Sodium Electrode Bio | 06343732001 07395655001 06437184001 | OSM2B 925 v1 | GLC2B GLN2B NA-I | mmol/L | $2*NA-I + 1.3*GLC2B + GLN2B = OSM2B$ | |
| | Bio HT | Glucose Bio HT Glutamine V2 Bio HT ISE Sodium Electrode Bio HT | 06608418001 07395612001 06664237001 | OSM2B 0-909 v1 | GLC3B GLN2B NA-I | mmol/L | $2*NA-I + 1.3*GLC3B + GLN2B = OSM2B$ | |
| Sucrose corrected for glucose | Bio | Glucose Bio Sucrose Bio | 06343732001 07705557001 | SUGLB 910 v1 | GLC2B SUCB | mmol/L | $SUCB - GLC2B = SUGLB$ | < 40 mmol/L in total |
| | | | | SUGLD 930 v1 | GLC2D SUCD | mmol/L | $SUCD - GLC2D = SUGLD$ | > 40 mmol/L in total |
| | Bio HT | Glucose Bio HT Sucrose Bio HT | 06608418001 07705565001 | SUGLB 0-022 v1 | GLC3B SUCB | mmol/L | $SUCB - GLC3B = SUGLB$ | < 40 mmol/L in total |
| | | | | SUGLD 0-153 v1 | GLC3D SUCD | mmol/L | $SUCD - GLC3D = SUGLD$ | > 40 mmol/L in total |

For use in quality control/manufacturing process only.