Test details Cedex analyzers

I&L Biosystems

Roche

Cedex Bio / Cedex Bio HT Tests, *Apr-2023*

List 1

Roche

Test, Analyte	Test kit	Cat. no.	Content [tests]	On-board stability	Calibrator, interval	Test code	Control levels	Time [min:sec]	Typical precision	Accuracy spec.
Acetate	Acetate V2 Bio	07395442001	4 x 50	28 days	D, lot, 56 days	AC2B 031 v3 AC2D 032 v3	D 1, 2, 3 D 2, 3	12:00	< 6%	15%
	Acetate V2 Bio HT	07395485001	200	84 days	D, lot, 56 days	AC2B 0-068 v4 AC2D 0-082 v4	D 1, 2, 3 D 2, 3	12:11	< 5%	15%
Ala-Gln, GlutaMAX	Ala-Gln Bio	08056978001	4 x 50	28 days	D, lot, 84 days	AQB 075 v2 AQD 076 v3	D 1, 2, 3 D 2, 3	12:00	< 2%	15%
	Ala-Gln Bio HT	08056943001	200	84 days	D, lot, 84 days	AQB 0-186 v1 AQD 0-200 v3	D 1, 2, 3 D 2, 3	20:12	< 2%	15%
Arabinose	Galactose/Arabinose Bio	08391599001	4 x 50	28 days	D, lot, 112 days	ARAB 098 v1 ARAD 099 v2	D 1, 2, 3 D 2, 3	12:00	< 4%	15%
	Galactose/Arabinose Bio HT	08391629001	200	112 days	D, lot, 112 days	ARAB 0-110 v2 ARAD 0-111 v2	D 1, 2, 3 D 2, 3	12:11	< 4%	15%
Ammonia, NH3	NH3 Bio	06343775001	2 x 100	28 days	B, new lot	NH3LB 038 v2 NH3B 922 v5 NH3D 905 v5	B 1 dil. 1:5 B 1, 2, 3 B 3	09:18	< 5%	10%
	NH3 Bio HT	06608515001	150	84 days	B, new lot	NH3LB 0-723 v1 NH3B 0-914 v3 NH3D 0-719 v4	B 1 dil. 1:5 B 1, 2, 3 B 3	10:18	< 5%	10%
Asparagine	Asn/Asp Bio	09437312001	4 x 50	28 days	C, lot, 70 days	ASNLB 100 v2 ASNHB 200 v2 ASNHD 300 v2	C 1 C 2, 3 C 2, 3	9:36	< 3%	15%
	Asn/Asp Bio HT	09437339001	200	56 days	C, lot, 56 days	ASNLB 0-196 v1 ASNHB 0-230 v1 ASNHD 0-237 v1	C 1 C 2, 3 C 2, 3	8:50	< 3%	15%
Aspartate	Asn/Asp Bio	09437312001	4 x 50	28 days	C, lot, 70 days	ASPB 096 v3 ASPD 097 v2	C 1, 2, 3 C 2, 3	9:36	< 3%	15%
	Asn/Asp Bio HT	09437339001	200	56 days	C, lot, 56 days	ASPB 0-199 v1 ASPD 0-247 v1	C 1, 2, 3 C 2, 3	5:18	< 3%	15%

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Calcium	Calcium Bio	07374623001	2 x 100	42 days	C, new lot	CA2B 600 v3 CA2D 602 v4	C 1, 2, 3 C 3	05:24	< 4%	10%
	Calcium Bio HT	06990100001	300	42 days	C, new lot	CA2B 0-745 v4 CA2D 0-790 v2	C 1, 2, 3 C 3	06:22	< 4%	10%
Cholesterol	Cholesterol Bio	07374577001	2 x 100	28 days	B, new lot	CHO2B 603 v2 CHO2D 604 v2	B 1, 2, 3 custom	11:06	< 2%	10%
	Cholesterol Bio HT	07212763001	400	56 days	B, new lot	CHO2B 0-751 v3 CHO2D 0-752 v2	B 1, 2, 3 custom	12:11	< 2%	10%
Ethanol	Ethanol Bio	08055645001	4 x 50	28 days	E, lot, 56 days	ETOHB 046 v4 ETOHD 047 v4	E 1, 2, 3 custom	08:42	< 2%	10%
	Ethanol Bio HT	08055661001	100	56 days	E, lot, 56 days	ETOHB 0-248 v3 ETOHD 0-242 v4	E 1, 2, 3 custom	09:33	< 2%	10%
Formate	Formate Bio	07705590001	4 x 50	21 days	D, lot, 84 days	FORB 034 v3 FORD 036 v3	D 1, 2, 3 D 2, 3	12:00	< 3%	15%
	Formate Bio HT	07705603001	200	140 days	D, lot, 140 days	FORB 0-176 v2 FORD 0-181 v2	D 1, 2, 3 D 2, 3	12:22	< 3%	15%
Galactose	Galactose/Arabinose Bio	08391599001	4 x 50	28 days	D, lot, 112 days	GAL2B 091 v3 GAL2D 092 v3	D 1, 2, 3 D 2, 3	12:00	< 4%	15%
	Galactose/Arabinose Bio HT	08391629001	200	112 days	D, lot, 112 days	GAL2B 0-091 v1 GAL2D 0-092 v1	D 1, 2, 3 D 2, 3	12:11	< 4%	15%
Glucose	Glucose Bio	06343732001	2 x 100	28 days	A, new lot	GLC2L 090 v1 GLC2B 932 v4 GLC2D 901 v4	A 1 A 1, 2, 3 A 2, 3	11:06	< 2%	10%
	Glucose Bio HT	06608418001	800	56 days	A, new lot	GLC3L 0-081 v1 GLC3B 0-938 v3 GLC3D 0-713 v4	A 1 A 1, 2, 3 A 2, 3	12:11	< 2%	10%

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Test, Analyte	Test kit	Cat. no.	Content [tests]	On-board stability	Calibrator, interval	Test code	Control levels	Time [min:sec]	Typical precision	Accuracy spec.
Glutamate	Glutamate V2 Bio	07395582001	4 x 50	28 days	A, lot, 56 days	GLU2B 812 v4 GLU2D 813 v4	A 1, 2, 3 A 2, 3	12:00	< 3%	15%
	Glutamate V2 Bio HT	07395566001	200	56 days	A, lot, 56 days	GLU2B 0-894 v1 GLU2D 0-978 v1	A 1, 2, 3 A 2, 3	12:11	< 3%	15%
Glutamine	Glutamine V2 Bio	07395655001	4 x 50	28 days	B, lot, 84 days	GLN2B 015 v7 GLN2D 016 v7	B 1, 2, 3 B 1, 2, 3	12:00	< 3%	15%
	Glutamine V2 Bio HT	07395612001	200	84 days	B, lot, 84 days	GLN2B 0-737 v3 GLN2D 0-674 v3	B 1, 2, 3 B 1, 2, 3	20:12	< 3%	15%
Glycerol	Glycerol Bio	07374607001	4 x 50	28 days	A, new lot	GLYB 605 v2 GLYD 606 v2 GLYE 083 v1	A 1, 2, 3 A 2, 3 custom	06:18	< 3%	10%
	Glycerol Bio HT	06990126001	250	56 days	A, new lot	GLYB 0-747 v3 GLYD 0-794 v1 GLYE 0-127 v1	A 1, 2, 3 A 2, 3 custom	07:25	< 2%	10%
Ig Fab human	Ig Fab Bio	08881332001	4 x 50	28 days	A custom custom custom, lot, 84 days	FABLA 202 v3 FABLB 201 v1 FABHB 203 v1 FABHD 204 v1	A 2 dil. 1:2 custom custom custom	10:36	< 4%	15%
	Ig Fab Bio HT	08881359001	200	154 days	A custom custom custom, lot, 154 days	FABLA 0-105 v1 FABLB 0-104 v1 FABHB 0-106 v1 FABHD 0-107 v1	A 2 dil. 1:2 custom custom custom	12:00	< 4%	15%
IgG human	IgG Bio	06681743001	2 x 100	28 days	A, new lot	IGGLB 923 v2 IGGHB 926 v3 IGGHD 908 v4	A 2 dil. 1:10 A 2, 3 A 2, 3	08:00	< 2%	18%
	IgG Bio HT	06608540001	100	84 days	A, new lot	IGGLB 0-919 v5 IGGHB 0-926 v4 IGGHD 0-722 v4	A 2 dil. 1:10 A 2, 3 A 2, 3	11:19	< 2%	10%

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Test, Analyte	Test kit	Cat. no.	Content [tests]	On-board stability	Calibrator, interval	Test code	Control levels	Time [min:sec]	Typical precision	Accuracy spec.
Iron	Iron Bio	06990045001	2 x 50	28 days	C, new lot t	FE2B 929 v3 FE2D 924 v2	C 1, 2, 3 C 2, 3	09:00	< 3%	10%
	Iron Bio HT	06990053001	200	42 days	C, new lot	FE2B 0-765 v5 FE2D 0-796 v3	C 1, 2, 3 C 2, 3	09:43	< 3%	10%
Lactate	Lactate Bio	06343759001	4 x 50	28 days	A, new lot	LAC2B 933 v4 LAC2D 902 v4	A 1, 2, 3 A 2, 3	07:30	< 2%	10%
	Lactate Bio HT	06608485001	100	84 days	A, new lot	LAC2B 0-933 v3 LAC2D 0-714 v4	A 1, 2, 3 A 2, 3	08:39	< 2%	10%
LDH	LDH Bio	06343767001	4 x 50	28 days	B, new lot	LDH2B 996 v4 LDH2D 906 v4	B 1, 2, 3 B 2, 3	10:30	< 3%	10%
	LDH Bio HT	06608493001	300	84 days	B, new lot	LDH2B 0-959 v2 LDH2D 0-721 v2	B 1, 2, 3 B 2, 3	11:18	< 3%	10%
Magnesium	Magnesium V2 Bio	09324542001	4 x 50	28 days	C, new lot	MG2L 040 v2 MG2B 043 v2 MG2D 044 v2	C 2 dil. 1:10 C 1, 2, 3 C 3	07:12	< 2%	10%
	Magnesium V2 Bio HT	09324569001	250	84 days	C, new lot	MG2L 0-341 v1 MG2B 0-340 v1 MG2D 0-339 v1	C 2 dil. 1:10 C 1, 2, 3 C 3	08:06	< 2%	10%
Mouse IgG	Mouse IgG Bio	08377944001	4 x 50	28 days	F, lot, 98 days	MIGLB 080 v2 MIGHB 078 v2 MIGHD 079 v2	F 1 F 2, 3 custom	05:50	< 3%	15%
	Mouse IgG Bio HT	08377979001	200	98 days	F, lot, 98 days	MIGLB 0-201 v1 MIGHB 0-202 v1 MIGHD 0-203 v1	F 1 F 2, 3 custom	09:00	< 3%	15%
Nitrate	Nitrate Bio	09816364001	4 x 50	28 days	D, lot, 70 days	NO3L 188 v1 NO3B 183 v1 NO3D 189 v1	D 1 D 1, 2, 3 D 3	12:00	< 6%	15%
	Nitrate Bio HT	09816356001	300	140 days	D, lot, 70 days	NO3L 0-094 v1 NO3B 0-095 v1 NO3D 0-096 v1	D 1 D 1, 2, 3 D 3	12:12	< 6%	15%

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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.
Optical Density	OD Bio	07705620001	4 x 100	28 days	not needed	ODB 026 v3 ODD 027 v3	OD 1 OD 2, 3	02:24	< 2%	15%
	OD Bio HT	07705654001	400	112 days	not needed	ODB 0-257 v1 ODD 0-277 v1	OD 1 OD 2, 3	03:21	< 2%	15%
Osmolality calculated	See below in chapter 'Profiles/Ratios'	-	-	-	-	-	-	-	-	-
Phosphate	Phosphate Bio	06990070001	4 x 50	28 days	A, new lot	PHO2L 093 v1 PHO2B 583 v3 PHO2D 584 v2	A 1 dil. 1:5 A 1, 2, 3 A 2, 3	10:12	< 2%	10%
	Phosphate Bio HT	06990088001	250	84 days	A, new lot	PHO2L 0-084 v1 PHO2B 0-742 v4 PHO2D 0-773 v2	A 1 dil. 1:5 A 1, 2, 3 A 2, 3	11:08	< 2%	10%
Potassium	Potassium Bio	08881367001	4 x 50	21 days	K, set, 14 days	KB 081 v1 KD 082 v1	F 1, 2, 3 custom	08:06	< 4%	15%
	Potassium Bio HT	08881731001	165	168 days	K, lot, 56 days	KB 0-344 v1 KD 0-345 v1	F 1, 2, 3 custom	09:43	< 4%	15%
Pyruvate	Pyruvate Bio	07395680001	4 x 50	28 days	D, lot, 56 days	PYRB 011 v3 PYRD 012 v2	D 1, 2, 3 D 2, 3	09:00	< 2%	15%
	Pyruvate Bio HT	07299818001	200	56 days	D, lot, 56 days	PYRB 0-799 v1 PYRD 0-886 v2	D 1, 2, 3 D 2, 3	10:36	< 2%	15%
Sodium	Sodium Bio	08881863001	4 x 50	21 days	F, lot, 112 days	NAB 054 v3 NAD 055 v4	F 1, 2, 3 NaCl 1:2	11:24	< 3%	15%
	Sodium Bio HT	08881871001	200	161 days	F, lot, 161 days	NAB 0-342 v1 NAD 0-343 v2	F 1, 2, 3 NaCl 1:2	12:11	< 2%	15%
Sucrose	Sucrose Bio	07705557001	4 x 50	28 days	A, lot, 84 days	SUCB 021 v3 SUCD 022 v3	D 1, 2, 3 D 2, 3	11:06	< 2%	15%
	Sucrose Bio HT	07705565001	200	84 days	A, lot, 84 days	SUCB 0-995 v1 SUCD 0-707 v1	D 1, 2, 3 D 2, 3	12:11	< 2%	15%

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

Cedex Bio / Cedex Bio HT Tests, *Apr-2023*

List 2

Test, Analyte	System	Test code	Sample vol. [µl]	Factor predil. (re-run)	Test range (with automated dilution) standard unit A		lab unit B		Conversion factor unit A → unit B
Acetate	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)	
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)	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)	
Arabinose	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.)	
Ammonia, NH3	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)	
Asparagine	Bio	ASNLB	7	-- (1:5)	0.1 - 1 mmol/L	(⇨5 mmol/L)	13.2 – 132 mg/L	(⇨661 mg/L)	1 mmol/L = 132.1 mg/L
		ASNHB	3	-- (1:5)	0.5 - 9 mmol/L	(⇨45 mmol/L)	66 – 1189 mg/L	(⇨5.95 g/L)	
		ASNHD	40	1:5 (1:5)	2.5 - 45 mmol/L	(⇨225 mmol/L)	330 - 5945 mg/L	(⇨29.7 g/L)	
	Bio HT	ASNLB	7	-- (1:5)	0.1 - 1 mmol/L	(⇨5 mmol/L)	13.2 – 132 mg/L	(⇨661 mg/L)	1 mmol/L = 132.1 mg/L
		ASNHB	3	-- (1:5)	0.5 - 9 mmol/L	(⇨45 mmol/L)	66 – 1189 mg/L	(⇨5.95 g/L)	
		ASNHD	40	1:5 (1:5)	2.5 - 45 mmol/L	(⇨225 mmol/L)	330 - 5945 mg/L	(⇨29.7 g/L)	
Aspartate	Bio	ASPB	7	-- (1:5)	0.1 - 9 mmol/L	(⇨45 mmol/L)	13.2 – 1189 mg/L	(⇨5.95 g/L)	1 mmol/L = 132.1 mg/L
		ASPD	40	1:5 (1:5)	1 - 45 mmol/L	(⇨225 mmol/L)	132 - 5945 mg/L	(⇨29.7 g/L)	
	Bio HT	ASPB	7	-- (1:5)	0.1 - 9 mmol/L	(⇨45 mmol/L)	13.2 – 1189 mg/L	(⇨5.95 g/L)	1 mmol/L = 132.1 mg/L
		ASPD	40	1:5 (1:5)	1 - 45 mmol/L	(⇨225 mmol/L)	132 - 5945 mg/L	(⇨29.7 g/L)	

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List 2

Test, Analyte	System	Test code	Sample vol. [µl]	Factor predil. (re-run)	Test range (with automated dilution re-run) standard unit A		lab unit B		Conversion factor unit A → B
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)	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)	
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)	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)	
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	-	1 mmol/L = 46.07 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)	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)	
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	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)	1 mmol/L = 180.2 mg/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.)	

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Cedex Bio / Cedex Bio HT Tests, *Apr-2023*

List 2

Roche

Test, Analyte	System	Test code	Sample vol. [µl]	Factor predil. (re-run)	Test range (with automated dilution re-run) standard unit A		lab unit B		Conversion factor unit A → B
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)	
		GLYE	2	1:100 (1:10)	10 - 1000 mmol/L	(⇨10000 mmol/L)	920.9 – 92090 mg/L	(⇨920 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)	
Ig Fab human	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)			
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.)	

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Cedex Bio / Cedex Bio HT Tests, *Apr-2023*

List 2

Test, Analyte	System	Test code	Sample vol. [µl]	Factor predil. (re-run)	Test range (with automated dilution re-run) standard unit A		lab unit B		Conversion factor unit A → 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	MG2L	15	-- (--)	0.01 – 0.25 mmol/L	-	0.243 – 6.08 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)	2.3 – 25 mmol/L	(⇨250 mmol/L)	56 – 608 mg/L	(⇨6078 mg/L)	
	Bio HT	MG2L	15	-- (--)	0.01 – 0.25 mmol/L	-	0.243 - 6.08 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)	2.3 – 25 mmol/L	(⇨250 mmol/L)	56 – 608 mg/L	(⇨6078 mg/L)	
Mouse IgG	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)			

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Test, Analyte	System	Test code	Sample vol. [µl]	Factor predil. (re-run)	Test range (with automated dilution re-run) standard unit A		lab unit B		Conversion factor unit A → B
Nitrate	Bio	NO3L	10	-- (1:10)	0.2 – 4 mmol/L	(⇨40 mmol/L)	12 – 248 mg/L	(⇨2.48 g/L)	1 mmol/L = 62.01 mg/L
		NO3B	2.5	-- (1:10)	1 - 25 mmol/L	(⇨250 mmol/L)	62 - 1550 mg/L	(⇨15.5 g/L)	
		NO3D	20	1:10 (1:10)	15 – 250 mmol/L	(⇨2500 mmol/L)	930 – 15503 mg/L	(⇨155 g/L)	
	Bio HT	NO3L	10	-- (1:10)	0.2 – 4 mmol/L	(⇨40 mmol/L)	12 – 248 mg/L	(⇨2.48 g/L)	1 mmol/L = 62.01 mg/L
		NO3B	2	-- (1:10)	1 - 25 mmol/L	(⇨250 mmol/L)	62 - 1550 mg/L	(⇨15.5 g/L)	
		NO3D	20	1:10 (1:10)	15 – 250 mmol/L	(⇨2500 mmol/L)	930 – 15503 mg/L	(⇨155 g/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'			-	-		-		-
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	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)	

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Cedex Bio / Cedex Bio HT Tests, *Apr-2023*

List 2

Test, Analyte	System	Test code	Sample vol. [µl]	Factor predil. (re-run)	Test range (with automated dilution re-run) standard unit A		lab unit B		Conversion factor unit A → B
Sodium	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.)	
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, *Apr-2023* List 3

Test, Analyte	System	Kits required	Cat. No.	Ratio code	Tests included	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 Sodium Bio	06343732001 07395655001 08881863001	OSM2B 925 v2	GLC2B GLN2B NAB	mmol/L	2 * NAB + 1.3 * GLC2B + GLN2B = OSM2B	
	Bio HT	Glucose Bio HT Glutamine V2 Bio HT Sodium Bio HT	06608418001 07395612001 08881871001	OSM2B 0-909 v2	GLC3B GLN2B NAB	mmol/L	2 * NAB + 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

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