

# Cedex Bio / Cedex Bio HT Tests, Jun-2020

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, lot, 56 days	AC2B 031 v1 AC2D 032 v1	D 1, 2, 3 D 1, 2, 3	12:00	< 6%	15%
	Acetate V2 Bio HT	07395485001	200	56 days	D, lot, 56 days	AC2B 0-068 v3 AC2D 0-082 v3	D 1, 2, 3 D 1, 2, 3	12:11	< 5%	15%
<b>Ala-Gln, GlutaMAX</b>	Ala-Gln Bio	08056978001	4 x 50	28 days	D, lot, 84 days	AQB 075 v1 AQD 076 v2	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%
<b>Ammonia, NH3</b>	NH3 Bio	06343775001	2 x 100	28 days	B, new lot	NH3LB 601 v1 NH3B 922 v3 NH3D 905 v3	B1 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	B1 dil. 1:5 B 1, 2, 3 B 3	10:18	< 5%	10%
<b>Calcium</b>	Calcium Bio	07374623001	2 x 100	42 days	C, new lot	CA2B 600 v1 CA2D 602 v1	C 1, 2, 3 C 3	05:24	< 4%	10%
	Calcium Bio HT	06990100001	300	42 days	C, new lot	CA2B 0-745 v3 CA2D 0-790 v1	C 1, 2, 3 C 3	06:22	< 4%	10%
<b>Cholesterol</b>	Cholesterol Bio	07374577001	2 x 100	28 days	B, new lot	CHO2B 603 v1 CHO2D 604 v1	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%
<b>Ethanol</b>	Ethanol Bio	08055645001	4 x 50	28 days	E, lot, 56 days	ETOHB 046 v3 ETOHD 047 v3	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%

# Cedex Bio / Cedex Bio HT Tests, Jun-2020

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>Formate</b>	Formate Bio	07705590001	4 x 50	28 days	D, lot, 84 days	FORB 034 v1 FORD 036 v1	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 v1 FORD 0-181 v1	D 1, 2, 3 D 2, 3	12:22	< 3%	15%
<b>Galactose</b>	Galactose V2 Bio	08391599001	4 x 50	28 days	D, lot, 112 days	GAL2B 091 v1 GAL2D 092 v1	D 1, 2, 3 D 2, 3	12:00	< 4%	15%
	Galactose V2 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%
<b>Glucose</b>	Glucose Bio	06343732001	2 x 100	28 days	A, new lot	GLC2B 932 v2 GLC2D 901 v3	A 1, 2, 3 A 2, 3	11:06	< 2%	10%
	Glucose Bio HT	06608418001	800	56 days	A, new lot	GLC3B 0-938 v3 GLC3D 0-713 v4	A 1, 2, 3 A 2, 3	12:11	< 2%	10%
<b>Glutamate</b>	Glutamate V2 Bio	07395582001	4 x 50	28 days	A, lot, 56 days	GLU2B 812 v2 GLU2D 813 v2	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%
<b>Glutamine</b>	Glutamine V2 Bio	07395655001	4 x 50	28 days	B, lot, 84 days	GLN2B 015 v4 GLN2D 016 v4	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 v2 GLN2D 0-674 v2	B 1, 2, 3 B 1, 2, 3	20:12	< 3%	15%
<b>Glycerol</b>	Glycerol Bio	07374607001	4 x 50	28 days	A, new lot	GLYB 605 v1 GLYD 606 v1	A 1, 2, 3 A 2, 3	06:18	< 3%	10%
	Glycerol Bio HT	06990126001	250	56 days	A, new lot	GLYB 0-747 v3 GLYD 0-794 v1	A 1, 2, 3 A 2, 3	07:25	< 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.
Ig Fab human	Ig Fab Bio	08881332001	4 x 50	28 days	A custom custom custom, lot, 84 days	FABLA 202 v1 FABLB 201 v1 FABHB 203 v1 FABHD 204 v1	A2 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	A2 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 v2 IGGHD 908 v2	A2 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	A2 dil. 1:10 A 2, 3 A 2, 3	11:19	< 2%	10%
Iron	Iron Bio	06990045001	2 x 50	28 days	C, new lot t	FE2B 929 v2 FE2D 924 v1	C 1, 2, 3 C 1, 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 1, 2, 3	09:43	< 3%	10%
Lactate	Lactate Bio	06343759001	4 x 50	28 days	A, new lot	LAC2B 933 v2 LAC2D 902 v3	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 v2 LDH2D 906 v2	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%

# Cedex Bio / Cedex Bio HT Tests, Jun-2020

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>Magnesium</b>	Magnesium Bio	07374615001	4 x 50	28 days	C, new lot	MGB 581 v1 MGD 582 v1	C 1, 2, 3 C 3	06:00	< 3%	10%
	Magnesium Bio HT	06990118001	175	56 days	C, new lot	MGB 0-746 v3 MGD 0-793 v1	C 1, 2, 3 C 3	07:07	< 3%	10%
<b>Mouse IgG</b>	Mouse IgG Bio	08377944001	4 x 50	28 days	F, lot, 98 days	MIGLB 080 v1 MIGHB 078 v1 MIGHD 079 v1	F1 F 2, 3 custom	05:50	< 3%	15%
	Mouse IgG Bio HT	08377979001	200	84 days	F, lot, 98 days	MIGLB 0-201 v1 MIGHB 0-202 v1 MIGHD 0-203 v1	F1 F 2, 3 custom	09:00	< 3%	15%
<b>Optical Density</b>	OD Bio	07705620001	4 x 100	28 days	not needed	ODB 026 v2 ODD 027 v2	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%
<b>Osmolality calculated</b>	See below in chapter 'Profiles/Ratios'	-	-	-	-	-	-	-	-	-
<b>Phosphate</b>	Phosphate Bio	06990070001	4 x 50	28 days	A, new lot	PHO2B 583 v1 PHO2D 584 v1	A 1, 2, 3 A 2, 3	10:12	< 2%	10%
	Phosphate Bio HT	06990088001	250	84 days	A, new lot	PHO2B 0-742 v4 PHO2D 0-773 v2	A 1, 2, 3 A 2, 3	11:08	< 2%	10%
<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 0-402 v0 [K-D 0-502 v0]	A 1, 2, 3 (A 1, 2, 3)	00:53	< 2%	15%
<b>Pyruvate</b>	Pyruvate Bio	07395680001	4 x 50	28 days	D, lot, 56 days	PYRB 011 v1 PYRD 012 v1	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%

# Cedex Bio / Cedex Bio HT Tests, Jun-2020



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>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 0-401 v0 [NA-D 0-501 v0]	A 1, 2, 3 [A 1, 2, 3]	00:53	< 2%	15%
<b>Sodium photometric</b>	Sodium Bio	08881863001	4 x 50	21 days	F, lot, 112 days	NAB 054 v1 NAD 055 v1	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 v1	F 1, 2, 3 NaCl 1:2	12:11	< 2%	15%
<b>Sucrose</b>	Sucrose Bio	07705557001	4 x 50	28 days	A, lot, 84 days	SUCB 021 v1 SUCD 022 v1	D 1, 2, 3 D 2, 3	11:06	< 2%	15%
	Sucrose Bio HT	07705565001	200	84 days	A, lot, 84 days	SUCB 0-930 v1 SUCD 0-707 v1	D 1, 2, 3 D 2, 3	12:11	< 2%	15%
<b>Total Protein</b>	Total Protein Bio	07374593001	2 x 100	28 days	A, lot, 84 days new lot new lot	TP2LB 587 v1 TP2B 585 v2 TP2D 586 v3	A1 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	A1 dil. 1:10 A 1, 2, 3 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		
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)		1 mmol/L = 59.05 mg/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)		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)		
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 (⇒4.731 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)		
	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 (⇒4.731 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)		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)	0.026 - 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		1 mmol/L = 46.07 mg/L
		ETOHD	10	1:20 ( -- )	220 - 4400 mmol/L		10135 - 202708 mg/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		
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	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)			

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>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	
		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)	
		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)	
		LAC2D	20	1:10 (1:10)	0.444 - 155.5 mmol/L (⇒1555 mmol/L)	40 - 14009 mg/L (⇒140 g/L)	
<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)	





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	
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'			-	-	-	-
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)	



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	
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
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 = 342.3 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 = 342.3 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, Jun-2020

List 3



Test, Analyte	System	Kits required	Cat. No.	Ratio code	Tests included	Units	Formula	Remark
<b>Ala-Gln, GlutaMAX</b> 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	$AQB - GLN2B = AQQB$	
<b>Osmolality</b> calculated	Bio	Glucose Bio Glutamine V2 Bio Sodium Bio	06343732001 07395655001 08881863001	OSM2B 925 v2	GLC2B GLN2B NAB	mmol/L	$2 * NA-I + 1.3 * GLC2B + GLN2B = OSM2B$	
	Bio HT	Glucose Bio HT Glutamine V2 Bio HT Sodium Bio HT	06608418001 07395612001 08881871001	OSM2B 0-909 v2	GLC3B GLN2B NAB	mmol/L	$2 * NA-I + 1.3 * GLC3B + GLN2B = OSM2B$	
<b>Sucrose</b> 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

## Disclaimer

Cedex kits for determination of Ala-Gln, Glutamine, Iron, LDH, 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.*