

# Clinical chemistry reagents

Cat. no.	Product name	Kit configuration	Nbr of tests/kit <sup>a</sup> see note below	Measuring range		Calibrator	Quality controls
				Primary	Secondary <sup>b</sup>		
981767	ALBUMIN (BCG)	Reagent: 8 x 20 ml	630	2–45 g/l	2–135 g/l	sCal	Nortrol, Abtrol
981927	ALBUMIN MST	Antiserum: 2 x 3 ml Buffer: 2 x 20 ml Specimen Diluent: 2 x 20 ml	230 in urine	5–192 <sup>c</sup> mg/l	5–768 <sup>c</sup> mg/l	Albumin U Calibrator	Albumin U Control, Albumin U Control High
981833	ALKALINE PHOSPHATASE (IFCC) PLUS	Reagent A: 10 x 16 ml Reagent B: 10 x 4 ml	1110	20–1000 U/l	20–10 000 U/l	eCal	Nortrol, Abtrol
981832	ALKALINE PHOSPHATASE (IFCC) PLUS	Reagent A: 15 x 4 ml Reagent B: 1 x 16 ml	350	20–1000 U/l	20–10 000 U/l	eCal	Nortrol, Abtrol
981769	ALT / GPT (IFCC)	Reagent A: 8 x 16 ml Reagent B: 8 x 4 ml	1-Reagent method: 1040 3-Reagent method: 720	1-Reagent method: 4–300 U/l 3-Reagent method: 5–250 U/l	1-Reagent method: 4–1800 U/l 3-Reagent method: 5–1500 U/l	eCal	Nortrol, Abtrol
981950	AMYLASE (IFCC)	Reagent A: 4 x 20 ml Reagent B: 4 x 5 ml	400	10–1500 U/l	10–7500 U/l	eCal	Serum/plasma: Nortrol, Abtrol Urine: uTrol, uTrol High
981929	APOLIPOPROTEIN A1	Antiserum: 2 x 3 ml Buffer: 2 x 20 ml Specimen Diluent: 2 x 20 ml	190	0.2 <sup>c</sup> –3.7 <sup>c</sup> g/l	0.1–7 g/l	Apo A1/Apo B Calibrator	Lipotrol
981930	APOLIPOPROTEIN B	Antiserum: 2 x 3 ml Buffer: 2 x 20 ml Specimen Diluent: 2 x 20 ml	190	0.15 <sup>c</sup> –2.8 g/l	0.05–7 g/l	Apo A1/Apo B Calibrator	Lipotrol
981771	AST / GOT (IFCC)	Reagent A: 8 x 16 ml Reagent B: 8 x 4 ml	1-Reagent method: 1040 3-Reagent method: 720	1-Reagent method: 4–350 U/l 3-Reagent method: 4–300 U/l	1-Reagent method: 4–2100 U/l 3-Reagent method: 4–1800 U/l	eCal	Nortrol, Abtrol
981889	BICARBONATE	Reagent: 5 x 10 ml	1120	5–40 mmol/l	Higher samples should be diluted manually 1+1	sCal	Nortrol, Abtrol
981888	BICARBONATE	Reagent: 4 x 4 ml	300	5–40 mmol/l	Higher samples should be diluted manually 1+1	sCal	Nortrol, Abtrol
981909	BILIRUBIN DIRECT	Reagent A: 4 x 20 ml Reagent B: 4 x 5 ml	450	1–170 µmol/l	1–1190 µmol/l	sCal	Nortrol, Abtrol
981952	BILIRUBIN TOTAL (DCA)	Reagent A: 4 x 20 ml Reagent B: 4 x 5 ml	400	1–400 µmol/l	1–2000 µmol/l	sCal	Nortrol, Abtrol
981953	CALCIUM	Reagent 12 x 20 ml	1030	Serum: 0.4–5 mmol/l Urine: 0.4–5 mmol/l	Serum: N/A Urine: 0.4–12 mmol/l	sCal	Serum/plasma: Nortrol, Abtrol Urine: uTrol, uTrol High
981957	CHOLESTEROL	Reagent 12 x 20 ml	1140	0.2–20 mmol/l	0.2–45 mmol/l	sCal	Lipotrol, Nortrol, Abtrol

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981813	CHOLESTEROL	Reagent 12 x 20 ml	1140	0.2–15 mmol/l	0.2–45 mmol/l	sCal	Lipotrol, Nortrol, Abtrol
981910	CHOLINESTERASE	Reagent A: 3 x 20 ml Reagent B: 3 x 5 ml	340	400°–16000° U/l	100–90000° U/l	eCal	Nortrol, Abtrol
981829	CK (IFCC)	Reagent A: 2 x 20 ml Reagent B: 2 x 5 ml	220	10–1000 U/l	10–9000 U/l	eCal	CK-MB Control, CK-MB Control High, Nortrol, Abtrol
981834	CK-MB	Reagent A: 4 x 20 ml Reagent B: 4 x 5 ml	450	5–1000 U/l	5–3000 U/l	-	CK-MB Control, CK-MB Control High
981837	CK-MB	Reagent A: 2 x 16 ml Reagent B: 2 x 4 ml	170	5–1000 U/l	5–3000 U/l	-	CK-MB Control, CK-MB Control High
981931	COMPLEMENT C3	Antiserum: 2 x 3 ml Buffer: 2 x 20 ml Specimen Diluent: 2 x 20 ml	190	0.28°–5.13° g/l	0.15–23.8° g/l	SpeciCal	SpeciTrol, SpeciTrol High, Nortrol, Abtrol
981932	COMPLEMENT C4	Antiserum: 2 x 3 ml Buffer: 2 x 20 ml Specimen Diluent: 2 x 20 ml	190	0.06°–1.03° g/l	0.02–4.76° g/l	SpeciCal	SpeciTrol, SpeciTrol High, Nortrol, Abtrol
981896	CREATININE (ENZYMATIC)	Reagent A: 4 x 20 ml Reagent B: 4 x 10 ml	510	Serum, plasma: 10–2500 µmol/l Urine: 0.2–40 mmol/l	Serum, plasma: 10–10 000 µmol/l Urine: 0.01–200 mmol/l	sCal	Serum/plasma: Nortrol, Abtrol Urine: uTrol, Trol High
981811	CREATININE (Jaffé)	Reagent A: 8 x 10 ml Reagent B: 8 x 10 ml + 10 ml extra	1200	Serum, plasma: 20–2500 µmol/l Urine: 0.5–40.8 mmol/l	Serum, plasma: 20–10000 µmol/l Urine: 0.01–80.8 mmol/l	sCal	Serum/plasma: Nortrol, Abtrol Urine: uTrol , uTrol High
981933	CRP	CRP Antiserum: 1 x 3 ml CRP Buffer: 5 x 20 ml Specimen Diluent: 1 x 20 ml	480	6–212° mg/l	6–636° mg/l	CRP Calibration Set	CRP Control, CRP Control High
981798	CRP HIGH SENSITIVITY	CRP HS Reagent: 1 x 4 ml CRP HS Buffer: 3 x 20 ml Specimen Diluent: 2 x 20 ml CRP hs Calibrator: 2 x 1 ml	320	0.25–10 mg/l	0.25–40 mg/l	CRP hs Calibrator	CRP High Sensitivity Control
981934	CRP PLUS	CRP PLUS Antiserum: 2 x 3 ml CRP PLUS Buffer: 4 x 20 ml Specimen Diluent: 2 x 20 ml	480	5–146° mg/l	5–584° mg/l	CRP Plus Calibrator	CRP Control, CRP Control High
981946	D-DIMER	D-DIMER Buffer: 2 x 12 ml D-DIMER Reagent: 2 x 8 ml Specimen Diluent: 2 x 20 ml	170	0.2–3.5 µg/ml	0.2–17.5 µg/ml	D-Dimer Calibration Set	D-Dimer Control, D-Dimer Control High

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981949	FERRITIN	Reagent: 4 x 4ml Buffer: 4 x 4,8 ml Specimen Diluent: 2 x 20 ml	150	12–374 <sup>c</sup> µg/l	12–3740 <sup>c</sup> µg/l	Ferritin Calibration Set	Ferritin Control, Ferritin Control High
981377	GAMMA-GT (IFCC)	Reagent A: 10 x 16 ml Reagent B: 10 x 4 ml	1350	15–600 U/l	15–6000 U/l	eCal	Nortrol, Abtrol
981778	GAMMA-GT (IFCC)	Reagent A: 15 x 4 ml Reagent B: 1 x 16 ml	420	15–600 U/l	15–6000 U/l	eCal	Nortrol, Abtrol
981780	GLUCOSE (GOD-POD)	12 x 20 ml	1140	0.3–20 mmol/l	0.3–60 mmol/l	sCal	Nortrol, Abtrol
981779	GLUCOSE (HK)	Reagent A: 8 x 16 ml Reagent B: 8 x 4 ml	600	0.3–40.0 mmol/l	0.3–120 mmol/l	sCal	Serum/plasma: Nortrol, Abtrol Urine: uTrol, uTrol High
981947	HbA1c	Reagent A: 6 x 14 ml Reagent B: 6 x 3.1 ml Reagent C: 6 x 14 ml	500	HbA1c: 0.19–1.3 mmol/l Hb: 3.7–15.5 mmol/l	-	HbA1c Calibrator	HbA1c Control Normal, HbA1c Control Abnormal
981948	HbA1c	Reagent A: 2 x 14 ml Reagent B: 2 x 3.1 ml Reagent C: 2 x 14 ml	160	HbA1c: 0.19–1.3 mmol/l Hb: 3.7–15.5 mmol/l	-	HbA1c Calibrator	HbA1c Control Normal, HbA1c Control Abnormal
981924	HbA1c PRETREATMENT LIQUID	Reagent: 12 x 20 ml	1000	-	-	-	-
981659	HEMOLYZING REAGENT for HbA1c	Reagent: 1 x 1000 ml	1000	-	-	-	-
981955	HDL-CHOLESTEROL	Reagent A: 8 x 18 ml Reagent B: 8 x 6 ml	800	0.10–3.88 mmol/l	0.10–11.64 mmol/l	HDL/LDL Calibrator	Lipotrol, Lipotrol HDL/LDL Abnormal
981936	IMMUNOGLOBULIN A	Antiserum: 2 x 3 ml Buffer: 2 x 20 ml Specimen Diluent: 2 x 20 ml	190	0.45 <sup>c</sup> –8.3 <sup>c</sup> g/l	0.2–61 <sup>c</sup> g/l	SpeciCal	SpeciTrol, SpeciTrol High, Nortrol, Abtrol
981937	IMMUNOGLOBULIN G	Antiserum: 2 x 3 ml Buffer: 2 x 20 ml Specimen Diluent: 2 x 20 ml	190	2.0–20 g/l	1.2–110 g/l	SpeciCal	SpeciTrol, SpeciTrol High, Nortrol, Abtrol
981938	IMMUNOGLOBULIN M	Antiserum: 2 x 3 ml Buffer: 2 x 20 ml Specimen Diluent: 2 x 20 ml	190	0.18 <sup>c</sup> –3.5 <sup>c</sup> g/l	0.1–31.7 <sup>c</sup> g/l	SpeciCal	SpeciTrol, SpeciTrol High, Nortrol, Abtrol
981236	IRON	Reagent A: 10 x 20 ml Reagent B: 10 capsules Reagent C: 1 x 10 ml	1580	1.0–180 µmol/l	1–540 µmol/l	sCal	Nortrol, Abtrol
981906	LDH (IFCC)	Reagent A: 4 x 20 ml Reagent B: 4 x 5 ml	400	10–600 U/l	10–3000 U/l	eCal	Nortrol, Abtrol

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981956	LDL-CHOLESTEROL	Reagent A: 4 x 18 ml Reagent B: 4 x 6 ml	400	0.1–11.0 mmol/l	0.1–33 mmol/l	HDL/LDL Calibrator	Lipotrol, Lipotrol HDL/LDL Abnormal
981846	LIPASE (Colorimetric)	Reagent A: 4 x 20 ml Reagent B: 2 x 10 ml	510	16–300 U/l	16–1500 U/l	eCal	Nortrol, Abtrol
981905	MAGNESIUM	Reagent: 8 x 6 ml	180	0.1–1.7 mmol/l	0.1–5.1 mmol/l	sCal	Nortrol, Abtrol
981890	PHOSPHORUS	Reagent A: 6 x 7 ml Reagent B: 6 x 11 ml	1800	Serum, plasma: 0.08–4.0 mmol/l Urine: 2.5–80 mmol/l	Serum, plasma: 0.08–20 mmol/l Urine: 0.1–194.0 mmol/l	sCal	Serum/plasma: Nortrol, Abtrol  Urine: uTrol, uTrol High
981891	PHOSPHORUS	Reagent A: 8 x 4 ml Reagent B: 8 x 6 ml	1200	Serum, plasma: 0.08–4.0 mmol/l Urine: 2.5–80 mmol/l	Serum, plasma: 0.08–20 mmol/l Urine: 0.1–194.0 mmol/l	sCal	Serum/plasma: Nortrol, Abtrol  Urine: uTrol, uTrol High
981839	PYRIDOXAL PHOSPHATE	Reagent: 4 x 5 ml	1230	-	-	N/A	N/A
981920	RHEUMATOID FACTORS 2 (RF 2)	Reagent: 2 x 6 ml Buffer: 3 x 20 ml Specimen Diluent: 2 x 20 ml RF 2 Calibrator: 2 x 1 ml	390	15–110 IU/ml	15–440 IU/ml	RF 2 Calibrator	Rheumatoid factors control
981945	SOLUBLE TRANSFERRIN RECEPTOR (sTfR)	Buffer: 2 x 10 ml Reagent: 2 x 5 ml Specimen Diluent: 2 x 20 ml	160	0.3–8.0 mg/l	0.3–40 mg/l	sTfR Calibration Set	sTfR Control, sTfR Control High
981827	TOTAL PROTEIN PLUS	Reagent: 12 x 20 ml	1520	3–100 g/l	3–250 g/l	sCal	Nortrol, Abtrol
981943	TRANSFERRIN	Antiserum: 2 x 3 ml Buffer: 2 x 20 ml Specimen Diluent: 2 x 20 ml	190	0.5 <sup>c</sup> –9.8 <sup>c</sup> g/l	0.3–45.6 <sup>c</sup> g/l	SpeciCal	SpeciTrol, SpeciTrol High, Nortrol, Abtrol
981786	TRIGLYCERIDES	Reagent: 12 x 20 ml	1140	0.05–11 mmol/l	0.05–55 mmol/l	sCal	Lipotrol, Nortrol, Abtrol
981843	U/CSF PROTEIN	Reagent: 8 x 20 ml	940	0.08–3 g/l	0.08–27 g/l	sCal	uTrol High
981954	UREA	Reagent A: 10 x 20 ml Reagent B: 10 x 5 ml	880	Serum: 1.0–25 mmol/l Urine: 51–1275 mmol/l	Serum: 1.0–75 mmol/l Urine: 4.0–2525 mmol/l	sCal	Serum/plasma: Nortrol, Abtrol Urine: uTrol, uTrol High
981788	URIC ACID (AOX)	Reagent A: 8 x 16 ml Reagent B: 8 x 4 ml	800	Serum, plasma: 10–1200 µmol/l Urine: 0.6 - 13.2 mmol/l	Serum, plasma: 10–7200 µmol/l Urine: 0.01–60 mmol/l	sCal	Serum: Nortrol, Abtrol  Urine: uTrol, uTrol High

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# Calibrators

Cat. no.	Product name	Format	Kit configuration
981877	ALBUMIN U CALIBRATOR	Ready-to-use liquid	2 x 2 ml
981921	APO A1/APO B CALIBRATOR	Ready-to-use liquid	2 x 1 ml
981674	CRP CALIBRATION SET	Ready-to-use liquid	5 x 1 ml
981795	CRP PLUS CALIBRATOR	Ready-to-use liquid	2 x 1 ml
981871	D-DIMER CALIBRATION SET	Lyophilized	5 x 1 ml
981830	eCal	Lyophilized	5 x 3 ml
981874	FERRITIN CALIBRATION SET	Ready-to-use liquid	5 x 1 ml
981863	HbA1c CALIBRATOR	Lyophilized	3 x 2 ml
981657	HDL/LDL CALIBRATOR	Lyophilized	5 x 1 ml
981831	sCal	Lyophilized	10 x 3 ml
980997	SPECICAL	Ready-to-use liquid	5 x 1 ml
981865	sTIR CALIBRATION SET	Lyophilized	6 x 1 ml

sCal for **substrates**  
eCal for **enzymes**  
Specical for **specific proteins**  
+ **method-specific calibrators**



# Controls

Cat. no.	Product name	Format	Kit configuration
981044	ABTROL	Lyophilized	10 x 5 ml
981878	ALBUMIN U CONTROL	Ready-to-use liquid	2 x 2 ml
981879	ALBUMIN U CONTROL HIGH	Ready-to-use liquid	2 x 2 ml
981908	CK-MB CONTROL	Lyophilized	5 x 2 ml
981255	CK-MB CONTROL HIGH	Lyophilized	5 x 2 ml
981251	CRP CONTROL	Ready-to-use liquid	5 x 1 ml
981679	CRP CONTROL HIGH	Ready-to-use liquid	5 x 1 ml
981852	CRP HIGH SENSITIVITY CONTROL	Ready-to-use liquid	3 x 1 ml
981868	D-DIMER CONTROL	Lyophilized	2 x 1 ml
981869	D-DIMER CONTROL HIGH	Lyophilized	2 x 1 ml
981875	FERRITIN CONTROL	Ready-to-use liquid	2 x 1 ml
981876	FERRITIN CONTROL HIGH	Ready-to-use liquid	2 x 1 ml
981696	HbA1c CONTROL ABNORMAL	Lyophilized	5 x 1 ml
981695	HbA1c CONTROL NORMAL	Lyophilized	5 x 1 ml
981653	LIPOTROL	Lyophilized	5 x 3 ml
981907	LIPOTROL HDL/LDL ABNORMAL	Lyophilized	5 x 3 ml
981043	NORTROL	Lyophilized	10 x 5 ml
981252	RHEUMATOID FACTORS CONTROL	Ready-to-use liquid	5 x 1 ml
981250	SPECITROL	Ready-to-use liquid	5 x 1 ml
981799	SPECITROL HIGH	Ready-to-use liquid	5 x 1 ml
981866	sTfR CONTROL	Lyophilized	2 x 1 ml
981867	sTfR CONTROL HIGH	Lyophilized	2 x 1 ml
981821	uTrol	Ready-to-use liquid	10 x 5 ml
981822	uTrol HIGH	Ready-to-use liquid	10 x 5 ml

**Multicontrols** for:

- ✓ substrates
- ✓ specific proteins
- ✓ + **method-specific controls**

