



thermo scientific

Optimized for best performance in clinical chemistry testing

System Reagents for Indiko and Konelab
clinical and specialty chemistry analyzers

ThermoFisher
SCIENTIFIC

Complete system solutions

Thermo Scientific™ system reagents offer best-in-class methodologies and fully standardized performance. They are specially developed and optimized for Thermo Scientific™ Indiko™ and Konelab™ clinical and specialty chemistry analyzers. CE marked system reagents are ready-to-go and fully IVD compliant in volume optimized bar-coded kits.



Contents



Excellence in clinical chemistry testing	4
Increased cost-efficiency	5
Clinical chemistry reagents	6
Specific proteins	9
Calibrators	11
Controls	12
Washing solutions	13
Electrodes	14
ISE liquids	15
Drugs of abuse tests	16

Excellence in clinical chemistry testing

Uncompromised patient results

CE marked and fully IVD compliant

A complete system solution comprised of Thermo Scientific analyzer(s), reagents, accessories and consumables means

- Thermo Fisher Scientific as a manufacturer is responsible for the correctness of the application
- Your laboratory is using a CE marked system based on the In Vitro Diagnostic Medical Device Directive (IVDMDD)
- All application protocols and claims have been fully validated and tested in accordance with IVDMDD

Accurate and reliable information

Thermo Scientific system solutions offer an uncompromised level of performance and clinicians receive accurate and reliable information.

- Clinicians can optimize and standardize diagnosis and patients get best possible care
- Clinicians can compare inter-laboratory patient results with greater confidence
- Clinicians are more able to work within treatment regimes recommended by professional bodies, like IFCC, NGSP, NKDEP

Compliance and traceability

Thermo Scientific methods are compliant with international professional bodies recommendations such as:

- International Federation for Clinical Chemistry (IFCC)
- National Glycohemoglobin Standardization Programme / Diabetes Control and Complications Trial (NGSP/DCCT)
- National Kidney Disease Education Programme (NKDEP)



The methods are traceable to international reference methods and materials.

Increased cost-efficiency

Volume optimized, ready-to-go system reagents

Convenience and reduced waste

- Reagent kits are bar-coded and volumes are optimized to minimize waste
- No pouring over - save time and errors
- No additional on-site method adjustment
- Best-in-class methodologies offer maximum reagent stability, with less calibration, QC and repeats
- Dedicated support from one company with faster resolution of any issues - instrument or reagent.

Fully supported and guaranteed, CE marked system solutions

- Maximum stability and reduced waste
- Standardized performance in external quality assurance
- Streamlined supply and support



Your laboratory can have full confidence in the accuracy, precision and the quality of results.



Fully automated, easy-to-use Indiko and Indiko Plus analyzers with the extensive system reagent menu offer operational excellence for patient monitoring.

Clinical chemistry reagents

Indiko and Konelab

Cat. No.	Product name	Method	Kit conf. ml	Tests/kit (theor.) *
981767	ALBUMIN (BCG)	Bromcresol Green	8 x 20	650
981833	ALKALINE PHOSPHATASE (IFCC) PLUS	IFCC (AMP buffer)	10 x 20	1170
981832	ALKALINE PHOSPHATASE (IFCC) PLUS	IFCC (AMP buffer)	15 x 5	440
981769	ALT / GPT (IFCC)	IFCC	8 x 20	1100
981809	AMYLASE (IFCC)	IFCC (EPS)	12 x 20	1520
981770	AMYLASE (IFCC)	IFCC (EPS)	8 x 5	210
981771	AST / GOT (IFCC)	IFCC	8 x 20	1100
981839	PYRIDOXAL PHOSPHATE	For ALT and AST IFCC	4 x 5	1500
981897	BILIRUBIN TOTAL (NBD)	NBD	4 x 20	530
981909	BILIRUBIN DIRECT	DCA	4 x 25	570
981772	CALCIUM	Arsenazo III	8 x 20	1050
981813	CHOLESTEROL	CHOD	12 x 20	1200
981823	HDL-CHOLESTEROL PLUS	Direct method	6 x 24	720
981656	LDL-CHOLESTEROL	Direct method	4 x 24	480
981889	BICARBONATE	Enzymatic (PEPC)	5 x 10	1250
981888	BICARBONATE	Enzymatic (PEPC)	4 x 4	400
981829	CK (IFCC)	IFCC	2 x 25	280
981834	CK-MB	Immunoinhibition, NAC activated	4 x 25	560
981837	CK-MB	Immunoinhibition, NAC activated	2 x 20	220
981896	CREATININE (ENZYMATIC)	Enzymatic	4 x 30	500
981811	CREATININE (Jaffé)	Modified Jaffe	8 x 20	1300
981377	GAMMA-GT (IFCC)	IFCC	10 x 20	1300
981778	GAMMA-GT (IFCC)	IFCC	15 x 5	500
981779	GLUCOSE (HK)	HK	8 x 20	760
981780	GLUCOSE (GOD-POD)	GOD, POD	12 x 20	1200
981236	IRON	Ferene S	10 x 20	2000

Clinical chemistry reagents

Indiko and Konelab

Cat. No.	Product name	Method	Kit conf. ml	Tests/kit (theor.) *
981782	LDH (IFCC)	IFCC	4 x 19	440
981846	LIPASE (Colorimetric)	Colorimetric	4 x 25	530
981905	MAGNESIUM	Xylidyl Blue I	8 x 6	210
981890	PHOSPHORUS	Molybdate	6 x 18	2100
981891	PHOSPHORUS	Molybdate	8 x 10	1600
981843	U/CSF PROTEIN	Pyrogallol red	8 x 20	720
981827	TOTAL PROTEIN PLUS	Biuret	12 x 20	1600
981786	TRIGLYCERIDES	GPO, Trinder	12 x 20	1200
981820	UREA/BUN	Urease, UV	12 x 20	1000
981788	URIC ACID (AOX)	Uricase, Trinder (AOX)	8 x 20	1050

Konelab only

Cat. No.	Product name	Method	Kit conf. ml	Tests/kit (theor.) *
981893	ACID PHOSPHATASE	alpha-Naphthylphosphate (tartrate)	8 x 3	170
981766	ALBUMIN (BCP)	Bromocresol Purple	7 x 20	580
981358	ALBUMIN (BCG)	Bromocresol Green	6 x 60	1500
981359	ALKALINE PHOSPHATASE (SCE)	SCE (DEA buffer)	10 x 20	1170
981361	ALT / GPT (IFCC)	IFCC	7 x 50	2400
981363	AST / GOT (IFCC)	IFCC	7 x 50	2400
981793	BILIRUBIN TOTAL (NBD)	NBD	4 x 60	1600
981367	CALCIUM	Arsenazo III	6 x 60	2400
981812	CHOLESTEROL	CHOD	10 x 60	3000
981824	HDL-CHOLESTEROL PLUS	Direct method	4 x 80	1600

Clinical chemistry reagents

Konelab only

Cat. No.	Product name	Method	Kit conf. ml	Tests/kit (theor.) *
981370	CHOLINESTERASE	Benzoylcholine / Trinder	10 x 10	370
981828	CK (IFCC)	IFCC	2 x 65	740
981845	CREATININE (ENZYMATIC)	Enzymatic	4 x 60	1000
981810	CREATININE (Jaffé)	Modified Jaffe	6 x 60	3000
981304	GLUCOSE (HK)	HK	7 x 60	2000
981379	GLUCOSE (GOD-POD)	GOD, POD	10 x 60	3000
981380	Alpha-HBDH	DGKC	10 x 10	580
981383	LDH (SCE)	SCE	10 x 10	625
981781	LDH (SCE)	SCE	15 x 5	460
981826	TOTAL PROTEIN PLUS	Biuret	10 x 60	4000
981301	TRIGLYCERIDES	GPO, Trinder	6 x 60	1800
981818	UREA/BUN	Urease, UV	10 x 60	2600
981391	URIC ACID (AOX)	Uricase, Trinder (AOX)	7 x 60	2800

*Tests per kit information is a best estimate calculation based upon dispensing volumes used for the assay and priming without dead volumes.

Specific proteins

Indiko and Konelab

Cat. No.	Product name	Method	Kit conf. antiserum ml	Tests/kit (theor.) *
981927	ALBUMIN MST	Immunoturbidimetry	2 x 3	240 in urine
981802	ANTISTREPTOLYSIN O	Latex enhanced immunoturbidimetry	2 x 6	300
981929	APOLIPOPROTEIN A1	Immunoturbidimetry	2 x 3	200
981930	APOLIPOPROTEIN B	Immunoturbidimetry	2 x 3	200
981931	COMPLEMENT C3	Immunoturbidimetry	2 x 3	200
981932	COMPLEMENT C4	Immunoturbidimetry	2 x 3	200
981933	CRP	Immunoturbidimetry	1 x 3	500
981934	CRP PLUS	Immunoturbidimetry	2 x 3	500
981798	CRP HIGH SENSITIVITY	Latex enhanced immunoturbidimetry	1 x 4	300
981946	D-DIMER	Latex enhanced immunoturbidimetry	2 x 8	200
981947	HbA1c	Turbidimetric immunoassay	6 x 17,1 total for HbA1c	600
981948	HbA1c	Turbidimetric immunoassay	2 x 17,1 total for HbA1c	200
981924	HbA1c PRETREATMENT LIQUID	For HbA1c (whole blood)	12 x 20	1000
981659	HEMOLYZING REAGENT	For HbA1c (manual hemolyzing)	1000	1000
981936	IMMUNOGLOBULIN A	Immunoturbidimetry	2 x 3	200
981937	IMMUNOGLOBULIN G	Immunoturbidimetry	2 x 3	200
981938	IMMUNOGLOBULIN M	Immunoturbidimetry	2 x 3	200
981920	RHEUMATOID FACTORS 2 (RF 2)	Latex enhanced immunoturbidimetry	2 x 6	400
981945	SOLUBLE TRANSFERRIN RECEPTOR (sTfR)	Latex enhanced immunoturbidimetry	2 x 5	200
981943	TRANSFERRIN	Immunoturbidimetry	2 x 3	200

Specific proteins

Indiko only

Cat. No.	Product name	Method	Kit conf. antiserum ml	Tests/kit (theor.) *
981949	FERRITIN	Latex enhanced immunoturbidimetry	2 x 5	200

Konelab only

Cat. No.	Product name	Method	Kit conf. antiserum ml	Tests/kit (theor.) *
981927	ALBUMIN MST	Immunoturbidimetry	2 x 3	300 in serum
981928	ALPHA-1-ANTITRYPSIN	Immuniturbidimetry	2 x 3	200
981919	CERULOPLASMIN	Immunoturbidimetry	2 x 3	190
981699	CRP	Immunoturbidimetry	2 x 3	1000
981794	CRP PLUS	Immunoturbidimetry	2 x 6	1000
981911	CYSTATIN C	Latex enhanced immunoturbidimetry	2 x 3	190
981935	HAPTOGLOBIN	Immunoturbidimetry	2 x 3	200
981944	FERRITIN	Latex enhanced immunoturbidimetry	2 x 5	200
981915	LIPOPROTEIN(a)	Immunoturbidimetry	1 x 1	180
981940	OROSOMUCOID	Immunoturbidimetry	2 x 3	200
981941	PREALBUMIN	Immunoturbidimetry	2 x 3	200

*Tests per kit information is a best estimate calculation based upon dispensing volumes used for the assay and priming without dead volumes.

Calibrators

Indiko and Konelab

Cat. No.	Product name	Origin	Kit conf. ml
981831	sCal	Bovine based serum, lyophilized	10 x 3
981830	eCal	Human based serum, lyophilized	5 x 3
981657	HDL/LDL CALIBRATOR	Human based serum, lyophilized	5 x 1
981877	ALBUMIN U CALIBRATOR	Human based urine, liquid	2 x 2
981922	ANTISTREPTOLYSIN O CALIBRATOR	Human based serum, liquid	2 x 1
981921	APO A1/ APO B CALIBRATOR	Human based serum, liquid	2 x 1
981674	CRP CALIBRATION SET	Human based serum, liquid	5 x 1
981795	CRP PLUS CALIBRATOR	Human based serum, liquid	2 x 1
981871	D-DIMER CALIBRATION SET	Human based plasma, lyophilized	5 x 1
981874	FERRITIN CALIBRATION SET	Human based plasma, liquid	5 x 1
981863	HbA1c CALIBRATOR	Human based hemolyzed whole blood, lyophilized	3 x 2
980997	SPECICAL	Human based serum, liquid	5 x 1
981865	sTfR CALIBRATION SET	Human based serum, lyophilized	6 x 1

Konelab only

Cat. No.	Product name	Origin	Kit conf. ml
981912	CYSTATIN C CALIBRATOR	Human based serum, liquid	2 x 1
981916	LIPOPROTEIN(a) CALIBRATOR	Human based serum, liquid	2 x 1

Controls

Indiko and Konelab

Cat. No.	Product name	Origin	Kit conf. ml
981043	NORTROL	Human based serum, lyophilized	10 x 5
981044	ABTROL	Human based serum, lyophilized	10 x 5
981653	LIPOTROL	Human based serum, lyophilized	5 x 3
981907	LIPOTROL HDL/LDL ABNORMAL	Human based serum, lyophilized	5 x 3
981878	ALBUMIN U CONTROL	Human based urine, liquid	2 x 2
981879	ALBUMIN U CONTROL HIGH	Human based urine, liquid	2 x 2
981908	CK-MB CONTROL	Human based serum, lyophilized	5 x 2
981255	CK-MB CONTROL HIGH	Human based serum, lyophilized	5 x 2
981251	CRP CONTROL	Human based serum, liquid	5 x 1
981679	CRP CONTROL HIGH	Human based serum, liquid	5 x 1
981852	CRP HIGH SENSITIVITY CONTROL	Human based serum, liquid	3 x 1
981868	D-DIMER CONTROL	Human based plasma, lyophilized	2 x 1
981869	D-DIMER CONTROL HIGH	Human based plasma, lyophilized	2 x 1
981875	FERRITIN CONTROL	Human based plasma, liquid	2 x 1
981876	FERRITIN CONTROL HIGH	Human based plasma, liquid	2 x 1
981695	HbA1c CONTROL NORMAL	Human based serum, lyophilized	5 x 1
981696	HbA1c CONTROL ABNORMAL	Human based serum, lyophilized	5 x 1
981252	RHEUMATOID FACTORS CONTROL	Human based serum, liquid	5 x 1
981250	SPECITROL	Human based serum, liquid	5 x 1
981799	SPECITROL HIGH	Human based serum, liquid	5 x 1
981866	sTfR CONTROL	Human based serum, lyophilized	2 x 1
981867	sTfR CONTROL HIGH	Human based serum, lyophilized	2 x 1
981821	uTrol	Human based urine, liquid	10 x 5
981822	uTrol HIGH	Human based urine, liquid	10 x 5

Controls

Konelab only

Cat. No.	Product name	Origin	Kit conf. ml
981913	CYSTATIN C CONTROL	Human based serum, liquid	3 x 1
981914	CYSTATIN C CONTROL HIGH	Human based serum, liquid	3 x 1
981917	LIPOPROTEIN(a) CONTROL	Human based serum, liquid	3 x 1
981918	LIPOPROTEIN(a) CONTROL HIGH	Human based serum, liquid	3 x 1

Washing solutions

Indiko and Konelab

Cat. No.	Product name	Kit conf. ml
984030	WASHING SOLUTION 4.5%	4 x 20
980929	WASHING SOLUTION 4.5%	6 x 100
981842	WASHFLUID for sensitive photometric assays	8 x 20

Indiko only

Cat. No.	Product name	Kit conf. ml
981712	TUBING MAINTENANCE SOLUTION	6 x 20

Electrodes

Indiko and Konelab

Cat. No.	Product name
981593	POTASSIUM MICRO VOLUME ELECTRODE
981594	SODIUM MICRO VOLUME ELECTRODE
981596	CHLORIDE MICRO VOLUME ELECTRODE

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Cat. No.	Product name
981998	ISE REFERENCE

Konelab only

Cat. No.	Product name
980845	REFERENCE ELECTRODE
981595	CALCIUM MICRO VOLUME ELECTRODE
981597	pH MICRO VOLUME ELECTRODE
981598	LITHIUM MICRO VOLUME ELECTRODE

ISE liquids

Indiko and Konelab

Cat. No.	Product name	Kit conf. ml
984035	ISE CALIBRATOR 2 & 3	2 x 20 + 2 x 20
981990	ISE PRIME SERUM	10 x 5

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Cat. No.	Product name	Kit conf. ml
984032	INDIKO ISE CALIBRATOR 1	6 x 400
981714	BAG FOR ISE REFERENCE	5

Konelab only

Cat. No.	Product name	Kit conf. ml
981094	SELECT-ION HIGH	5 x 2
981059	SELECT-ION LOW	5 x 2
981058	SELECT-ION NORMAL	5 x 2
984031	ISE CALIBRATOR 1	4 x 400
984034	ISE CALIBRATOR 4	2 x 20
980314	REF ELECTRODE SOLUTION	5

DoA, TDM, ISD and toxicology tests

Indiko only

Comprehensive list of Thermo Scientific drugs of abuse, therapeutic drug monitoring, immunosuppressant drug assays and toxicology tests are available for Indiko and Indiko Plus analyzers. Please contact your local sales representative.

DoA tests

Konelab only

Cat. No.	Product name	Kit conf. ml	Tests/kit (theor.)*
981620	AMPHETAMINES	2 x 30	400
981621	BARBITURATES	2 x 30	400
981622	BENZODIAZEPINES	2 x 30	400
981623	CANNABINOIDS	2 x 30	400
981624	COCAINE METABOLITE	2 x 30	400
981625	OPIATES	2 x 30	400
981680	ETHYL ALCOHOL	2 x 30	400
981683	METHADONE	2 x 30	400

*Tests per kit information is a best estimate calculation based upon dispensing volumes used for the assay and priming without dead volumes.

Calibrators for DoA tests

Konelab only

Cat. No.	Product name	Kit conf. ml	Level
981720	DoA NEGATIVE CALIBRATOR	1 x 10	Negative
981721	DoA CALIBRATOR A1	1 x 5	Cut-off
981722	DoA CALIBRATOR A2	1 x 5	High
981724	DoA CALIBRATOR B1	1 x 10	Low
981725	DoA CALIBRATOR B2	1 x 10	Cut-off
981726	DoA CALIBRATOR B3	1 x 10	High
981727	DoA CALIBRATOR B4	1 x 10	High
981729	DoA CALIBRATOR C1	1 x 5	Low
981730	DoA CALIBRATOR C2	1 x 5	Cut-off
981731	DoA CALIBRATOR C3	1 x 5	High
981736	DOA CALIBRATION SET E	2 x 5	Two levels

Controls for DoA tests

Konelab only

Cat. No.	Product name	Kit conf. ml	Level
981723	DoA CONTROL SET A	2 x 5	Low & High
981728	DoA CONTROL SET B	4 x 5	Low & High
981733	DoA CONTROL SET C	2 x 5	Low & High
981737	DoA CONTROL SET E	2 x 5	Low & High

Anemia	Ferritin	Inflammation	Ceruloplasmin	Lipids	Apolipoprotein A1
	Haptoglobin		Complement C3		Apolipoprotein B
	Iron		Complement C4		Cholesterol
	sTfR		CRP		HDL-Cholesterol
	Transferrin		CRP High Sensitivity		LDL-Cholesterol
Cardiac	CK		Immunoglobulin A	Hepatic	Lipoprotein (a)
	CK-MB		Immunoglobulin G		Triglycerides
	Alpha-HBDH		Immunoglobulin M		Alkaline Phosphatase
Renal	Albumin		Orosomucoid		ALT / GPT
	Creatinine		Prealbumin		AST / GOT
	Cystatin C		Alpha-1-Antitrypsin		Bilirubin direct
	Phosphorus				Bilirubin total
	Total Protein	Electrolytes	Bicarbonate		Cholinesterase
	U/CSF Protein		Calcium		Gamma-GT
	Urea		Chloride		LDH
	Uric acid		Lithium	Pancreatic	Amylase
Coagulation	D-Dimer		Magnesium		Lipase
Diabetes	Glucose		Potassium	Rheumatoid	Antistreptolysin O
	HbA1c		Sodium		CRP
	Microalbuminuria				Rheumatoid Factors

Clinical Diagnostics Systems

Ratastie 2, P.O.Box 100, FI-01621 Vantaa

Finland

Tel: +358 10 329 200

email: system.support.fi@thermofisher.com

Find out more at **thermofisher.com**

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