



Clinical Chemistry

LAB SUPERHEROES - ready for high quality results?

Thermo Scientific Indiko and Indiko Plus
system reagents

Power your lab with Indiko reagents

Thermo Scientific™ system reagents for Indiko™ and Indiko Plus analyzers bring **best-in-class methodologies** and **smooth operations** to your lab.

The extensive test menu features **organ**, **body**, and **lifestyle panels**.

The assays are **always ready to go** thanks to full validation and compliance as well as barcoding.

With Indiko system reagents, **standardized test performance** awaits you.





Fully compliant, fully validated

- Fully validated applications and claims in accordance with the EU regulatory requirements for IVD products permit holistic quality assurance in your lab
- The CE marking process demonstrates compliance with applicable safety and performance standards



Optimized for cost-efficiency

- Volume-optimized kit sizes help reduce waste
- Maximum reagent stability means less calibration, optimized QC, and fewer repeats
- No additional on-site method adjustment necessary
- Multicontrols and multicalibrators available for clinical chemistry and specific proteins



Highest quality standard

- Accurate and precise test results ensured by traceability to international reference standards
- Ready-to-use barcoded reagents result in faster operations and fewer errors
- Backed by Thermo Fisher Scientific's 50+ years of experience developing advanced IVD instrumentation

Quality and environmental management systems

ISO 9001:2015 – certified by BSI

ISO 13485:2016 – certified by BSI

ISO 14001:2015 – certified by BSI

MDSAP ISO 13485:2016 – certified by BSI



Indiko system reagents bring standardization and efficiency to labs of any size.

Organs

Acute and chronic diseases affecting organs pose a major threat to human health. **Cardiovascular diseases**, for instance, claim ~18 million lives each year.¹ Through early and precise diagnosis, healthcare professionals can stem the tide.



Heart

Cardiovascular diseases are the #1 cause of death around the world.¹

Indiko cardiac panel

Aids in the **identification of high-risk patients**

- CK
- CK-MB
- CRP High Sensitivity



Kidney

Chronic kidney disease affects ~10% of people worldwide, and millions die each year from it.²

Indiko renal panel

Offers a comprehensive range of assays for **evaluating kidney function**

- Albumin
- Creatinine
- Phosphorus
- Total Protein
- U/CSF Protein
- Urea
- Uric acid



Liver

Prevalence of liver cirrhosis ranges from ~5% to 10%, but many more asymptomatic cases (up to one-third of patients) may be unaccounted for.³

Indiko hepatic panel

Aids in the **diagnosis of liver diseases** and helps detect them **before signs and symptoms** appear

- Alkaline Phosphatase
- ALT/GPT
- AST/GOT
- Bilirubin direct
- Bilirubin total
- Cholinesterase
- Gamma-GT
- LDH



Pancreas

The global incidence of acute pancreatitis varies widely.⁴ However, despite medical advances, the mortality rate remains pegged at ~10% because diagnosis is often challenging.⁵

Indiko pancreatic panel

Offers essential assays that support the **diagnosis of pancreatic disorders**

- Amylase
- Lipase

Digestive enzymes

Body

Anemia, arthritis, blood clots, and diseases related to inflammation are major contributors to the global disease burden – so **reliable assays** are indispensable for the fight against them.



Anemia

Anemia affects ~25% of the world's population⁶, impeding child development and adult productivity.⁷

Indiko anemia panel

Permits **assessment of anemia** as well as **iron storage status** before anemia even develops

- Ferritin
- Iron
- sTfR
- Transferrin

**Comprehensive
iron monitoring**



Rheumatoid arthritis

Rheumatoid arthritis, which has a global prevalence ranging from 0.3% to 1% of the population, usually manifests during the most productive years of adulthood.⁸

Indiko rheumatoid panel

Aids in the **diagnosis of a broad range of rheumatoid diseases**

- CRP
- Rheumatoid Factors



Coagulation

Venous thromboembolism affects ~10 million people each year and is a leading preventable cause of hospital death.⁹

Indiko coagulation panel

Aids in the **diagnosis of venous thromboembolism**

- D-Dimer



Inflammation

More than 50% of all deaths worldwide can be attributed to inflammation-related diseases.¹⁰

Indiko inflammation panel

Aids in the **diagnosis of various diseases** related to **acute or chronic inflammation**

- Complement C3
- Complement C4
- CRP
- CRP High Sensitivity
- Immunoglobulin A
- Immunoglobulin G
- Immunoglobulin M

Lifestyle

With lifestyles changing around the world, clinicians must take actions to **counteract the negative consequences**. Case in point: **diabetes is turning into pandemic**, and affected patients face a very **high risk of developing cardiovascular disease**.



Diabetes

The number of adults with diabetes is expected to increase by 35% in the next 20 years.¹¹

Indiko diabetes panel

Offers all essential assays for **monitoring short- and long-term blood sugar testing**

- Albumin MST
- Glucose
- HbA1c



Lipids

Four out of five deaths from cardiovascular diseases are due to heart attacks and strokes.¹

Indiko lipids panel

Offers a comprehensive range of assays that aid in the **diagnosis of at-risk patients**

- Apolipoprotein A1
- Apolipoprotein B
- Cholesterol
- HDL-Cholesterol
- LDL-Cholesterol
- Triglycerides



Electrolytes

Abnormal electrolyte levels can impair various bodily functions and may have life-threatening consequences.¹²

Indiko electrolytes panel

Offers a comprehensive range of assays that aid in the **diagnosis of various conditions related to electrolyte imbalance**

- Bicarbonate
- Calcium
- Chloride
- Magnesium
- Potassium
- Sodium

Direct ISE

Additional Indiko reagents

Thermo Scientific drug and toxicology testing

- Drugs of abuse testing
- Therapeutic drug monitoring
- Immunosuppressant drug monitoring

 Read more at thermofisher.com/diagnostics

A single platform for all your needs

Using the full range of validated Indiko assays, the high-throughput Indiko and Indiko Plus analyzers and Thermo Scientific quality control products ensures operational excellence for patient monitoring.



**Small footprint,
big impact**



**Always low-
maintenance**



**Results
you can trust**



Indiko and Indiko Plus: fully automated, random-access bench top analyzers for labs of any size

Optimize your quality control system



MAS quality controls

Thermo Scientific MAS™ products – including consolidated controls – help you streamline operations thanks to their extended shelf life, long open vial stability, and ready-to-use design.

 Read more at thermofisher.com/MASproductivity














LabLink xL quality assurance software

Thermo Scientific LabLink™ xL is a productivity-boosting solution that speeds up troubleshooting and lets you compare data with other labs.

 Read more at maslablink.com

Indiko system reagent panels at a glance

Organs		Body		Lifestyle	
	Heart CK CK-MB CRP High Sensitivity		Anemia Ferritin Iron sTfR Transferrin		Diabetes Albumin MST Glucose HbA1c
	Kidney Albumin Creatinine Phosphorus Total Protein U/CSF Protein Urea Uric acid		Rheumatoid arthritis CRP Rheumatoid Factors		Lipids Apolipoprotein A1 Apolipoprotein B Cholesterol HDL-Cholesterol LDL-Cholesterol Triglycerides
	Liver Alkaline Phosphatase ALT/GPT AST/GOT Bilirubin direct Bilirubin total Cholinesterase Gamma-GT LDH		Coagulation D-Dimer		Electrolytes Bicarbonate Calcium Chloride Magnesium Potassium Sodium
	Pancreas Amylase Lipase		Inflammation Complement C3 Complement C4 CRP CRP High Sensitivity Immunoglobulin A Immunoglobulin G Immunoglobulin M		

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