

## XEMA – a brief

The Xema Corporate Group started from a small contracted company in Moscow in 1993. At that time, we only had a few antigen products sold in Russia. Now, our group has established worldwide sister companies in Belorussia (Xemma Test Co., Ltd., est. 2003), Ukraine (Xema Co., Ltd., est. 2008), Finland (Xema Oy, est. 2011) and China (Hema Biotech Co., Ltd., est. 2011). Our products – antibodies, antigens, ELISA & LF test kits, and our biological services have been sold globally with annual sale of more than 8 million dollars in 2019.

In 2020, our company met a challenge of COVID-19 and launched a comprehensive set of reagents for diagnostics of SARS-Cov-2 infection:

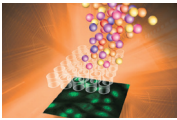
1. Detection of anti-SARS-Cov-2 antibodies:
  - SARS-Cov-2 IgG, IgM and Total Ab ELISAs;
  - anti-SARS-Cov-2 IgM+IgG Rapid test.
2. Detection of SARS-Cov-2 antigen:
  - CoviN Ag ELISA and Rapid test.
3. Detection of Virus-Neutralizing activity in patient serum or plasma.
4. Control materials for SARS-Cov-2 immunoassays:
  - CoronaQon Ab Control;
  - CoronaQon Ag control.

Xema owns a large industrial hybridoma collection, animal facilities, protein purification and kit assembly units. We are able to provide key immunoassay reagents – monoclonal and polyclonal antibodies (incl. matched pairs), purified antigens (human, animal, food), and conjugates with HRPO, biotin or fluorescent dyes. We are also able to meet your requests of bulk orders with a capacity of over 20 000 ELISA kits and more than 1 g of single monoclonal antibody per month.

Our IVD kit development, production and sales has been certified to ISO 9001 since 2003 and ISO 13485 since 2009.

We are proud to maintain vigorous research work and be at the edge in the area of biochemistry and immunology being a member of scientific societies (ISOBM, ASCO, AACC, AOAC).

Our product development is focused on the following topics:



**1. Xema Clinical Diagnostics:** tests for determination of tumor markers, hormones, infections, pre- and neonatal screening, allergy and food intolerance, humoral immunity, quality control sera for immunoassays, etc.



**2. Xema Food & Environment Testing:** tests to determine food constituents and food contaminants – antibiotics, fungi/fungal toxins. Special attention is paid to develop Halal check methods (detection of porcine meat, fat and blood, alcohol in food/beverages/cosmetics) for Muslim population. Our food allergy antibodies and kits targeted for most important food allergens, including peanuts and fish. Our home food test line also includes simple and accurate Aquascreen 5 (water quality test).



**3. Xema Veterinary Diagnostics:** immunoassays for hormones and infections for pets and cattle. Apart of laboratory tests, we offer simple pet animal urine tests for home use.



**4. Xema Forensic Tests:** rapid LF tests to detect traces of human sperm, blood and urine.

Dr. Yuri S. Lebedin  
General Manager

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Kit format: 96-well microplate, breakable strips, all reagents are liquid and ready-to-use, dispensed in plastic vials with screw caps, chromogen – single component TMB.

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## TUMOR MARKERS

<b>REF</b>	<b>K205</b>	<b>Human Chorionic Gonadotropin (HCG) EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	6 (0–500 IU/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	1.25 IU/l				
<b>REF</b>	<b>K221</b>	<b>Total Prostate Specific Antigen (tPSA) EIA</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	5 (0–30 ng/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.005 ng/ml				
<b>REF</b>	<b>X221</b>	<b>XEMAtest tPSA, 50 tests/pack</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	20', 18–25 °C	<b>Control sample:</b>	no
<b>Sample volume:</b>	30–40 µl	<b>Calibrators:</b>	no	<b>Shelf life:</b>	24 months
<b>Sensitivity:</b>	4.0 ng/ml				
<b>REF</b>	<b>K231</b>	<b>Free Prostate Specific Antigen (fPSA) EIA</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	5 (0–5 ng/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.0035 ng/ml				
<b>REF</b>	<b>K222</b>	<b>CA125 EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	6 (0–400 U/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.25 U/ml				
<b>REF</b>	<b>X222</b>	<b>XEMAtest CA 125, 10 tests/pack</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	10', 18–25 °C	<b>Control sample:</b>	no
<b>Sample volume:</b>	30–40 µl	<b>Calibrators:</b>	no	<b>Shelf life:</b>	24 months
<b>Sensitivity:</b>	35 U/ml				
<b>REF</b>	<b>K239</b>	<b>HE-4 EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	20 µl	<b>Calibrators:</b>	6 (0–1000 pmol/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	10 pmol/l				
<b>REF</b>	<b>K223</b>	<b>CA19-9 EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	5 (0–240 U/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	1.0 U/ml				
<b>REF</b>	<b>K224</b>	<b>Carcinoembryonic antigen (CEA) EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	6 (0–64 ng/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.5 ng/ml				

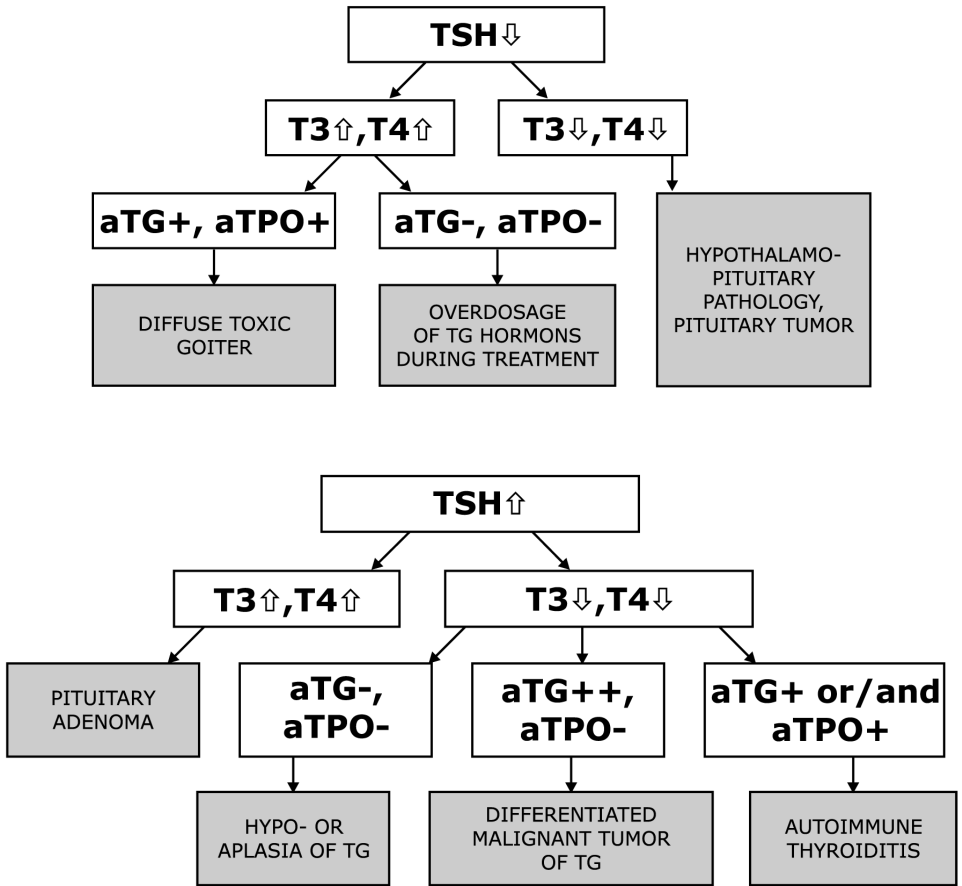
<b>REF</b> X224	<b>XEMAtest CEA, 5 tests/pack</b>			CE	
<b>Sample type:</b>	blood, serum, plasma	<b>Incubation:</b>	10', 18-25 °C	<b>Control sample:</b>	no
<b>Sample volume:</b>	30-40 µl	<b>Calibrators:</b>	no	<b>Shelf life:</b>	24 months
<b>Sensitivity:</b>	5 ng/ml				
<b>REF</b> K225	<b>Alpha-Fetoprotein (AFP) EIA</b>			CE	
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	6 (0-500 IU/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.9 IU/ml				
<b>REF</b> X225	<b>XEMAtest AFP, 5 tests/pack</b>			CE	
<b>Sample type:</b>	blood, serum, plasma	<b>Incubation:</b>	10', 18-25 °C	<b>Control sample:</b>	no
<b>Sample volume:</b>	30-40 µl	<b>Calibrators:</b>	no	<b>Shelf life:</b>	24 months
<b>Sensitivity:</b>	10 ng/ml				
<b>REF</b> K232	<b>Thyroglobulin (TG) EIA</b>			CE	
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	5 (0-400 ng/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.5 ng/ml				
<b>Coming soon: S100 EIA</b>					
<b>REF</b> K234	<b>NSE EIA</b>			CE	
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	5 (0-100 µg/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.3 µg/l				
<b>REF</b> K236	<b>CYFRA-21-1 EIA</b>			CE	
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	5 (0-50 ng/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.5 ng/ml				
<b>REF</b> K237	<b>SSC(A) EIA</b>			CE	
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	5 (0-60 µg/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.1 µg/l				
<b>REF</b> K243	<b>CA 242 EIA</b>			CE	
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	5 (0-200 U/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.5 U/ml				
<b>REF</b> K244	<b>CA 72-4 EIA</b>			CE	
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	20 µl	<b>Calibrators:</b>	5 (0-200 U/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	1.0 U/ml				

## Mammary carcinoma monitoring (MUC1 determination)

REF <b>K226</b> <b>M12 (CA 15.3) EIA</b> <span style="float: right;">CE</span>					
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 18-25 °C, shaker	<b>Calibrators:</b>	5 (0–250 U/ml)
<b>Sample volume:</b>	50 µl			<b>Control sample:</b>	1
<b>Sensitivity:</b>	0.75 U/ml			<b>Shelf life:</b>	18 months
REF <b>K227</b> <b>M22 (analogous to MCA, Roche)</b> <span style="float: right;">CE</span>					
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 18-25 °C, shaker	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl			<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.75 U/ml	<b>Calibrators:</b>	6 (0–100 U/ml)		
REF <b>K228</b> <b>M20 (analogous to BR 27.29, Biomira)</b> <span style="float: right;">CE</span>					
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15'; 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	6 (0–50 U/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.5 U/ml				

# THYROID GLAND: HORMONES AND DISEASE MARKERS

## Diagnostic algorithm for thyroid pathology



<b>REF</b>	<b>K201</b>	<b>Thyroid Stimulating Hormone (TSH) EIA, normal range</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	6 (0–20 mIU/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.04 mIU/l				
<b>REF</b>	<b>K201A</b>	<b>Thyroid Stimulating Hormone EIA, expanded range (TSH-plus EIA)</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/60'/15', 37 °C,	<b>Control sample:</b>	1
<b>Sample volume:</b>	200 µl	<b>Calibrators:</b>	shaker	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.012 mIU/l		7 (0–20 mIU/l)		
<b>REF</b>	<b>K201W</b>	<b>TSH EIA Wide range</b>			<b>New test! CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	7 (0–40 mIU/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.04 mIU/l				
<b>REF</b>	<b>K201N</b>	<b>TSH-Neo EIA/TRFIA</b>			<b>On request CE</b>
<b>REF</b>	<b>K211</b>	<b>Total T3 EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	5 (0–15 nmol/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.2 nmol/l				
<b>REF</b>	<b>K212</b>	<b>Total T4 EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	5 (0–320 nmol/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	3.0 nmol/l				
<b>REF</b>	<b>K213</b>	<b>Free T3 EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	6 (0–40 pmol/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.5 pmol/l				
<b>REF</b>	<b>K214</b>	<b>Free T4 EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	6 (0–100 pmol/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.75 pmol/l				
<b>REF</b>	<b>K131</b>	<b>Thyroperoxidase autoantibodies (anti-TPO) EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Sensitivity:</b>	2.5 IU/ml	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	100 µl	<b>Calibrators:</b>	5 (0–1000 IU/ml)		
<b>REF</b>	<b>K132</b>	<b>Thyroglobulin autoantibodies (anti-TG) EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Sensitivity:</b>	5.0 IU/ml	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	100 µl	<b>Calibrators:</b>	5 (0–3000 IU/ml)		
<b>REF</b>	<b>K232</b>	<b>Thyroglobulin (TG) EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	5 (0–400 ng/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.5 ng/ml				

## REPRODUCTION AND PREGNANCY

<b>REF</b>	<b>K202</b>	<b>Luteinizing hormone (LH) EIA</b>				<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15'; 37 °C	<b>Control sample:</b>	1	
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	5 (0–100 IU/l)	<b>Shelf life:</b>	18 months	
<b>Sensitivity:</b>	0.15 IU/l					
<b>REF</b>	<b>K203</b>	<b>Follicle Stimulating Hormone (FSH) EIA</b>				<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15'; 37 °C	<b>Control sample:</b>	1	
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	5 (0–100 IU/l)	<b>Shelf life:</b>	18 months	
<b>Sensitivity:</b>	0.15 IU/l					
<b>REF</b>	<b>K205</b>	<b>Human Chorionic Gonadotropin (HCG) EIA</b>				<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15'; 37 °C	<b>Control sample:</b>	1	
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	6 (0–500 IU/l)	<b>Shelf life:</b>	18 months	
<b>Sensitivity:</b>	1.25 IU/l					
<b>REF</b>	<b>K206</b>	<b>Prolactin EIA</b>				<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15'; 37 °C	<b>Control sample:</b>	1	
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	5 (0–2000 mIU/l)	<b>Shelf life:</b>	18 months	
<b>Sensitivity:</b>	5.0 mIU/l					
<b>REF</b>	<b>K207</b>	<b>Progesterone EIA</b>				<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	120'/15'; 37 °C	<b>Control sample:</b>	1	
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	7 (0–300 nmol/l)	<b>Shelf life:</b>	18 months	
<b>Sensitivity:</b>	0.25 nmol/l					
<b>REF</b>	<b>K208</b>	<b>Estradiol EIA</b>				<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	120'/15'; 37 °C	<b>Control sample:</b>	1	
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	6 (0–20 nmol/l)	<b>Shelf life:</b>	18 months	
<b>Sensitivity:</b>	0.025 nmol/l					
<b>REF</b>	<b>K209</b>	<b>Testosterone EIA</b>				<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	120'/15'; 37 °C	<b>Control sample:</b>	2	
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	6 (0–100 nmol/l)	<b>Shelf life:</b>	18 months	
<b>Sensitivity:</b>	0.15 nmol/l					
<b>REF</b>	<b>K268</b>	<b>SHBG EIA</b>				<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Control sample:</b>	1	
<b>Sample volume:</b>	10 µl	<b>Calibrators:</b>	6 (0–360 nmol/l)	<b>Shelf life:</b>	18 months	
<b>Sensitivity:</b>	3.0 nmol/l					
<b>REF</b>	<b>K216</b>	<b>Estrone (E1) EIA</b>				<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Sensitivity:</b>	0.25 pmol/l	<b>Calibrators:</b>	6 (0–10 pmol/l)	
<b>Sample volume:</b>	50 µl	<b>Incubation:</b>	60'/15'; 37 °C	<b>Shelf life:</b>	18 months	



<b>REF</b> K219	<b>Free Testosterone EIA</b>				CE
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	120'/15'; 37°C	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	6 (0-100 pg/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.06 pg/ml				

<b>REF</b> K245	<b>Anti-Mullerian Hormone EIA</b>				<i>New test!</i> CE
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15'; 37°C	<b>Control sample:</b>	1
<b>Sample volume:</b>	20 µl	<b>Calibrators:</b>	5 (0-20 ng/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.1 ng/ml				

<b>REF</b> K246	<b>Human Placental Lactogen EIA</b>				CE
<b>Sample type:</b>	serum, plasma	<b>Sensitivity:</b>	0.03 mg/l	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/15'; 37°C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10 µl	<b>Calibrators:</b>	5 (0-20 mg/l)		

### Prenatal screening

<b>REF</b> K205	<b>Human Chorionic Gonadotropin (HCG) EIA</b>				CE
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15'; 37°C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	6 (0-500 IU/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	1.25 IU/l				

<b>REF</b> K225	<b>Alpha-Fetoprotein (AFP) EIA</b>				CE
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15'; 37°C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	6 (0-500 IU/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.9 IU/ml				

<b>REF</b> K218	<b>Free Estriol EIA</b>				CE
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	120'/15'; 37°C	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	6 (0-50 nmol/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.12 nmol/l				

<b>REF</b> K235	<b>Free beta-HCG EIA</b>				CE
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37°C	<b>Control sample:</b>	1
<b>Sample volume:</b>	20 µl	<b>Calibrators:</b>	5 (0-250 ng/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	1.0 ng/ml				

<b>REF</b> K238	<b>PAPP-A EIA</b>				CE
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15'; 37°C	<b>Control sample:</b>	1
<b>Sample volume:</b>	20 µl	<b>Calibrators:</b>	6 (0-10000 mU/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	10 mU/l				

**REF** W23 **Software for Calculation of Risk of Down Syndrome (CaRDS) during 1<sup>st</sup> and 2<sup>nd</sup> trimester of pregnancy.**

### Neonatal screening

**REF** K201N **TSH-Neo EIA/TRFIA** *On request* CE

**REF** K242 **IRT-Neo EIA/TRFIA** *On request* CE

## DIAGNOSTICS OF DIABETES

### REF K267C C-peptide EIA

<b>Sample type:</b>	serum, plasma, urine	<b>Sensitivity:</b>	0.015 ng/ml	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Incubation:</b>	60'/15'; 18-25°C	<b>Shelf life:</b>	18 months
		<b>Calibrators:</b>	6 (0-30 ng/ml)		

### REF K267N Insulin EIA

<b>Sample type:</b>	serum, plasma, urine	<b>Sensitivity:</b>	0.5 µIU/ml	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Incubation:</b>	60'/15'; 18-25°C	<b>Shelf life:</b>	18 months
		<b>Calibrators:</b>	5 (0-150 µIU/ml)		

*Coming soon: K267P Proinsulin EIA*

## ADRENAL FUNCTION

### REF K210 Cortisol EIA CE

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15'; 37°C	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	6 (0-2000 nmol/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	6.0 nmol/l				

### REF K215 DHEA-S EIA CE

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15'; 37°C	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	6 (0-10 µg/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.025 µg/ml				

### REF K217 17-OH-Progesterone EIA CE

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	90'/15'; 37°C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	6 (0-100 nmol/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.12 nmol/l				

### REF K263 ACTH EIA *New test!*

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	120'/15'; 18-25°C,	<b>Control sample:</b>	1
<b>Sample volume:</b>	20 µl	<b>Calibrators:</b>	shaker	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.45 pg/ml		6 (0-480 pg/ml)		

## DIAGNOSTICS OF ANEMIA

*Coming soon: K269 Erythropoetin EIA*

## DIAGNOSTICS OF BACTERIAL SEPSIS

### REF K251 Procalcitonin EIA *New test!*

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/60'/15'; 37°C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	6 (0-5 ng/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.1 ng/ml				

## BONE METABOLISM

### REF K261 Calcitonin EIA New test!

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 18-25°C, shaker	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	5 (0-300 pg/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.5 pg/ml				

### REF K262 PTH EIA New test!

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 18-25°C, shaker	<b>Control sample:</b>	1
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	5 (0-70 pmol/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.4 pmol/l				

## HORMONES IN SALIVA

### REF K207S Salivary Progesterone EIA CE

<b>Sample type:</b>	saliva	<b>Incubation:</b>	120'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	100 µl	<b>Calibrators:</b>	5 (0-5 nmol/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.07 nmol/l				

### REF K209S Salivary Testosterone EIA CE

<b>Sample type:</b>	saliva	<b>Incubation:</b>	120'/15', 37°C	<b>Control sample:</b>	1
<b>Sample volume:</b>	100 µl	<b>Calibrators:</b>	6 (0-3 nmol/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.015 nmol/l				

### REF K210S Salivary Cortisol EIA CE

<b>Sample type:</b>	saliva	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	2
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	6 (0-45 ng/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.035 ng/ml				

### REF K215S Salivary DHEA-S EIA CE

<b>Sample type:</b>	saliva	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	7(0-40 µg/dl)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.12 µg/dl				

## OTHER HORMONES

### REF K204 Human Growth (Somatotopic) Hormone EIA CE

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	5 (0-50 mIU/l)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.12 mIU/l				

## DIAGNOSTICS OF AUTOIMMUNE DISEASES

### REF K131 Thyroperoxidase autoantobodies (anti-TPO) EIA CE

<b>Sample type:</b>	serum, plasma	<b>Sensitivity:</b>	2.5 IU/ml	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	100 µl	<b>Calibrators:</b>	5 (0-1000 IU/ml)		

REF K132

**Thyroglobulin autoantibodies (anti-TG) EIA**

<b>Sample type:</b>	serum, plasma	<b>Sensitivity:</b>	5.0 IU/ml	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	100 µl	<b>Calibrators:</b>	5 (0–3000 IU/ml)		

REF K133

**Myeloperoxidase autoantibodies (anti-MPO, p-ANCA) EIA**

<b>Sample type:</b>	serum, plasma	<b>Sensitivity:</b>	3 U/ml	<b>Calibrators:</b>	6 (0–100 U/ml)
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/30'/15',	<b>Control sample:</b>	1
<b>Sample volume:</b>	100 µl		18–25 °C	<b>Shelf life:</b>	18 months

**DIAGNOSTIC MARKERS OF HEART AND VESSEL DISEASES**

REF K291

**Troponin I (TnI) EIA**

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	5 (0–10 ng/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.01 ng/ml				

REF K250

**CRP ultra EIA**

<b>Sample type:</b>	serum, plasma	<b>Sensitivity:</b>	0.05 mg/l	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	6 (0–25 mg/l)	<b>Normal range, mg/l:</b>	0–5.0

**DIAGNOSTICS OF ALLERGY AND FOOD INTOLERANCE**

REF K200

**Total IgE EIA**

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Calibrators:</b>	5 (0–1000 IU/ml)	<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	3.0 IU/ml			<b>Normal range, IU/ml:</b>	<130

REF K200S

**Specific IgE EIA**

A solid-phase enzyme immunoassay for the quantitative determination of allergen-specific IgE in blood serum or plasma.

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/60'/30'/15',	<b>Calibrators:</b>	5 (0–17.5 IU/ml)
<b>Sample volume:</b>	50 µl		18–25 °C, shaking	<b>Control sample:</b>	1
<b>Sensitivity:</b>	0.05 IU/ml			<b>Shelf life:</b>	18 months

REF K180

**Gliadin IgG EIA**

REF K181

**Gliadin IgA EIA**

<b>Sample type:</b>	serum, plasma	<b>Sensitivity:</b>	2.5 U/ml	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/30'/15', 18–25 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	100 µl	<b>Calibrators:</b>	5 (0–200 U/ml)	<b>Normal range, U/ml:</b>	<25

REF K182G

**Anti-DGP IgG EIA**

REF K182A

**Anti-DGP IgA EIA**

<b>Sample type:</b>	serum, plasma	<b>Sensitivity:</b>	2.5 U/ml	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Shelf life:</b>	18
<b>Sample volume:</b>	100 µl	<b>Calibrators:</b>	6 (0–100 U/ml)	<b>Normal range</b>	<10

REF K160

Anti-tTG IgG EIA



REF K161

Anti-tTG IgA EIA

<b>Sample type:</b>	serum, plasma	<b>Sensitivity:</b>	1.0 U/ml	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	100 µl	<b>Calibrators:</b>	6 (0–200 U/ml)	<b>Normal range, U/ml:</b>	<20 (IgA), < 25 (IgG)

## INFECTIOUS SEROLOGY

### Covid-19 Diagnostics

REF K153

SARS-Cov-2 Total Ab EIA

*New test!*

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Control sample:</b>	3
<b>Sample predilution:</b>	1:101	<b>Sample volume:</b>	100 µl	<b>Shelf life:</b>	18 months

REF K153G

SARS-Cov-2 IgG EIA

*New test!*

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Control sample:</b>	3
<b>Sample predilution:</b>	1:101	<b>Sample volume:</b>	100 µl	<b>Shelf life:</b>	18 months

REF K153M

SARS-Cov-2 IgM EIA

*New test!*

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Control sample:</b>	3
<b>Sample predilution:</b>	1:101	<b>Sample volume:</b>	100 µl	<b>Shelf life:</b>	18 months

REF X153

XEMAtest anti-SARS-Cov-2

*New test!*

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	15', 18–25°C	<b>Shelf life:</b>	24 months
<b>Sample volume:</b>	10 µl				

REF K053N

CoviN Ag EIA

*New test!*

<b>Sample type:</b>	Serum, plasma, nasopharyngeal smears, urine	<b>Sensitivity:</b>	5 pg/ml	<b>Control sample:</b>	1
<b>Sample volume:</b>	50 µl	<b>Incubation:</b>	60'/60'/15'; 23–37 °C, shaker at 300–400 rpm	<b>Shelf life:</b>	18 months
		<b>Calibrators:</b>	5 (0–1000 pg/ml)		

REF X053N

XEMAtest CoviN Ag

*New test!*

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	15', 18–25°C	<b>Shelf life:</b>	24 months
<b>Sample volume:</b>	50 µl				

REF K553

SARS-Cov-2 Neutralizing Activity EIA

*New test!*

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	20 µl	<b>Control samples:</b>	2		

**On request:****KQ153 CoronaQon Ab Control***New test!***KQ053 CoronaQon Ag Control***New test!*

<b>REF</b>	<b>K112</b>	<b>Anti-HIV I(0), II/p24 EIA</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/10'; 37 °C, shaking/10' 37 °C	<b>Control samples:</b>	3
<b>Sample volume:</b>	70 µl			<b>Shelf life:</b>	18 months
<b>REF</b>	<b>X112S</b>	<b>XEMAtest HIV I/II</b>			<b>New test!</b>
<b>Sample type:</b>	saliva, serum, plasma	<b>Incubation:</b>	20'; 18-25°C	<b>Shelf life:</b>	24 months
<b>Sample volume:</b>	30-40 µl				
<b>REF</b>	<b>K009</b>	<b>HBsAg EIA</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/20'; 37 °C, shaking /20'; 37°C	<b>Control samples:</b>	3
<b>Sample volume:</b>	100 µl			<b>Shelf life:</b>	18 months
<b>Sensitivity:</b>	0.01 IU/ml				
<b>REF</b>	<b>K009C</b>	<b>HBsAg Confirmatory</b>			To be used with K009
<b>REF</b>	<b>K110</b>	<b>Anti-HCV EIA, 3<sup>rd</sup> generation</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	60'/30'/10'; 37°C	<b>Control samples:</b>	2
<b>Sample volume:</b>	40 µl			<b>Shelf life:</b>	18 months
<b>REF</b>	<b>K110C</b>	<b>Anti-HCV confirmatory EIA</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/10'; 37°C	<b>Control samples:</b>	2
<b>Sample volume:</b>	20 µl			<b>Shelf life:</b>	18 months
<b>REF</b>	<b>K101</b>	<b>Toxoplasma IgG EIA</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample predilution:</b>	1:101	<b>Calibrators:</b>	5 (0–200 IU/ml)		
<b>Sample volume:</b>	100 µl	<b>Control sample:</b>	1		
<b>REF</b>	<b>K101M</b>	<b>Toxoplasma IgM EIA</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37°C, shaking	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10 µl			<b>Control samples:</b>	2
<b>REF</b>	<b>K102</b>	<b>Rubella IgG EIA</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample predilution:</b>	1:101	<b>Calibrators:</b>	5 (0–200 IU/ml)		
<b>Sample volume:</b>	100 µl	<b>Control sample:</b>	1		
<b>REF</b>	<b>K102M</b>	<b>Rubella IgM EIA</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37°C, shaking	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10 µl			<b>Control samples:</b>	2
<b>REF</b>	<b>K103</b>	<b>Cytomegalovirus IgG EIA</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample predilution:</b>	1:101	<b>Calibrators:</b>	5 (0-6 U/ml)		
<b>Sample volume:</b>	100 µl	<b>Control samples:</b>	1		
<b>REF</b>	<b>K103M</b>	<b>Cytomegalovirus IgM EIA</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37°C, shaking	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10 µl			<b>Control samples:</b>	2

<b>REF</b>	<b>K104</b>	<b>HSV ½ IgG EIA (semi-quantitative)</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °	<b>Shelf life:</b>	18 months
<b>Sample predilution:</b>	1:101	<b>Calibrator:</b>	1		
<b>Sample volume:</b>	100 µl	<b>Control samples:</b>	2		
<b>REF</b>	<b>K104M</b>	<b>HSV ½ IgM EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37°C,	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10 µl		shaking	<b>Control samples:</b>	2
<b>REF</b>	<b>K104B</b>	<b>HSV2 IgG EIA (semi-quantitative)</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10 µl	<b>Control samples:</b>	2		
<b>REF</b>	<b>K105</b>	<b>Chlamydia IgG EIA (semi-quantitative)</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	20 µl	<b>Control samples:</b>	1	<b>Control samples:</b>	2
<b>REF</b>	<b>K105M</b>	<b>Chlamydia IgM EIA</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30', 37°C/30'/15';	<b>Control samples:</b>	2
<b>Sample volume:</b>	10 µl		18-25 °C	<b>Shelf life:</b>	18 months
<b>REF</b>	<b>K106</b>	<b>Mycoplasma IgG EIA (semi-quantitative)</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 18-25 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	20 µl	<b>Calibrator:</b>	1	<b>Control samples:</b>	2
<b>REF</b>	<b>K106M</b>	<b>Mycoplasma IgM EIA</b>			
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37°C	<b>Control samples:</b>	2
<b>Sample volume:</b>	10 µl			<b>Shelf life:</b>	18 months
<b>REF</b>	<b>K111</b>	<b>Treponema pallidum Total Ab EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10 µl	<b>Control samples:</b>	2		
<b>REF</b>	<b>K111G</b>	<b>Treponema pallidum IgG EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10 µl	<b>Control samples:</b>	2		
<b>REF</b>	<b>K111M</b>	<b>Treponema pallidum IgM EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10 µl	<b>Control samples:</b>	2		
<b>REF</b>	<b>X111</b>	<b>XEMAtest Syphilis</b>			<b>New test!</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	20', 18-25°C	<b>Shelf life:</b>	24 months
<b>Sample volume:</b>	30-40 µl				

<b>REF</b>	<b>K119</b>	<b><i>H. pylori</i> IgG EIA (semi-quantitative)</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10 µl	<b>Control samples:</b>	2		
<b>REF</b>	<b>K119A</b>	<b><i>H. pylori</i> IgA EIA</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10 µl	<b>Control samples:</b>	2		
<b>REF</b>	<b>K119M</b>	<b><i>H. pylori</i> IgM EIA (semi-quantitative)</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10 µl	<b>Control samples:</b>	2		
<b>REF</b>	<b>K119S</b>	<b><i>H. pylori</i> IgG, IgM, IgA EIA</b>			<b>New test!</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10 µl	<b>Control samples:</b>	2		
<b>REF</b>	<b>K121</b>	<b><i>Aspergillus</i> IgG EIA (semi-quantitative)</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15', 18-25 °C	<b>Control samples:</b>	2
<b>Sample predilution:</b>	1:21	<b>Calibrator:</b>	1	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	100 µl				
<b>REF</b>	<b>K021</b>	<b><i>Aspergillus</i> GalM Ag EIA</b>			<b>New test! CE</b>
Intended use: Diagnostics of invasive aspergillosis in immunocompromised patients.					
<b>Sample type:</b>	serum, plasma, BAL fluid	<b>Incubation:</b>	90'/15', 37 °C	<b>Control sample:</b>	3
<b>Sample volume:</b>	50 µl			<b>Shelf life:</b>	18 months
<b>REF</b>	<b>X021</b>	<b>XEMAtest GalM Ag</b>			<b>New test!</b>
<b>Sample type:</b>	serum, plasma, BAL fluid	<b>Incubation:</b>	15', 18-25 °C	<b>Shelf life:</b>	24 months
<b>Sample volume:</b>	10 µl				
<b>REF</b>	<b>K126</b>	<b><i>Ureaplasma</i> IgG EIA (semi-quantitative)</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	20 µl	<b>Control samples:</b>	2		
<b>REF</b>	<b>K126M</b>	<b><i>Ureaplasma</i> IgM EIA</b>			<b>New test!</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	20 µl	<b>Control samples:</b>	2		
<b>REF</b>	<b>K171</b>	<b><i>Giardia lamblia</i> Total Ab EIA (semi-quantitative)</b>			<b>CE</b>
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	20 µl	<b>Control samples:</b>	2		
<b>REF</b>	<b>K171X</b>	<b>anti-<i>Giardia lamblia</i> IgG, IgM, IgA EIA</b>			<b>New test! CE</b>
A solid-phase enzyme immunoassay for a qualitative determination of IgG or IgM or IgA antibodies to <i>Giardia lamblia</i> in serum or plasma					
<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	30'/30'/15'; 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	20 µl	<b>Control samples:</b>	2		



<b>REF</b> K174	<b>Nematoda IgG EIA</b>					CE
<b>Sample type:</b>	serum, plasma	<b>Sample volume:</b>	100 µl	<b>Control samples:</b>	2	
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/30'/15', 37°C	<b>Shelf life:</b>	18 months	
<b>REF</b> K175	<b>Echinococcus IgG EIA</b>					CE
<b>Sample type:</b>	serum, plasma	<b>Sample volume:</b>	100 µl	<b>Control samples:</b>	2	
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/30'/15', 37°C	<b>Shelf life:</b>	18 months	
<b>REF</b> K176	<b>Trematodes IgG EIA</b>					CE
<b>Sample type:</b>	serum, plasma	<b>Sample volume:</b>	100 µl	<b>Control samples:</b>	2	
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/30'/15', 37°C	<b>Shelf life:</b>	18 months	

## HUMORAL IMMUNITY AND ACUTE PHASE PROTEINS

<b>REF</b> K271	<b>Total IgG EIA</b>					CE
<b>Sample type:</b>	serum, plasma, urine, saliva, cerebrospinal fluid	<b>Sensitivity:</b>	0.06 g/l	<b>Control sample:</b>	1	
<b>Sample predilution:</b>	1:1–1:5000	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Shelf life:</b>	18 months	
<b>Sample volume:</b>	10–100 µl	<b>Calibrators:</b>	5 (0–25 g/l)	<b>Normal range, g/l:</b>	9.0–20.0	
<b>REF</b> K275	<b>Total IgA EIA</b>					CE
<b>Sample type:</b>	serum, plasma, urine, saliva, cerebrospinal fluid	<b>Sensitivity:</b>	0.06 g/l	<b>Control sample:</b>	1	
<b>Sample predilution:</b>	1:1–1:5000	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Shelf life:</b>	18 months	
<b>Sample volume:</b>	10–100 µl	<b>Calibrators:</b>	5 (0–5 g/l)	<b>Normal range, g/l:</b>	0.9–5.0	
<b>REF</b> K277	<b>Total IgM EIA</b>					CE
<b>Sample type:</b>	serum, plasma, urine, saliva, cerebrospinal fluid	<b>Sensitivity:</b>	0.06 g/l	<b>Control sample:</b>	1	
<b>Sample predilution:</b>	1:1–1:5000	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Shelf life:</b>	18 months	
<b>Sample volume:</b>	10–100 µl	<b>Calibrators:</b>	5 (0–10 g/l)	<b>Normal range, g/l:</b>	0.7–3.7	
<b>REF</b> K276	<b>Secretory IgA EIA (in saliva)</b>					CE
<b>Sample type:</b>	saliva, serum, urine etc.	<b>Sensitivity:</b>	0.6 µg/ml	<b>Shelf life:</b>	18 months	
<b>Sample predilution:</b>	1:51–1:501	<b>Incubation:</b>	90'/30'/15', 37 °C	<b>Normal range, µg/ml:</b>	1.6–5.0	
<b>Sample volume:</b>	5–100 µl	<b>Calibrators:</b>	6 (0–400 µg/ml)	<b>– serum</b>	57–260	
		<b>Control sample:</b>	1	<b>– saliva</b>	0.5–2.7	
				<b>– urine</b>		

REF K272\*

**IgG2 EIA**

CE

<b>Sample type:</b>	serum	<b>Sensitivity:</b>	0.06 g/l	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:5000	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	100 µl	<b>Calibrators:</b>	6 (0–15 g/l)	<b>Normal range, g/l:</b>	1.0–7.5

REF K274\*

**IgG4 EIA**

CE

<b>Sample type:</b>	serum	<b>Sensitivity:</b>	0.02 g/l	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:5000	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	100 µl	<b>Calibrators:</b>	5 (0–2.5 g/l)	<b>Normal range, g/l:</b>	0.1–1.2

\* – the kit is made to order

REF K279L\*

**Ig L (free lambda light chains) EIA**

CE

<b>Sample type:</b>	serum, plasma, urine, cerebrospinal fluid	<b>Sensitivity:</b>	0.25 µg/ml	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:1–1:101	<b>Incubation:</b>	90'/60'/15', 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10–100 µl	<b>Calibrators:</b>	7 (0–30 µg/ml)	<b>Normal range, µg/ml:</b>	2–6

\* – the kit is made to order

REF K279K\*

**Ig K (free kappa light chains) EIA**

CE

<b>Sample type:</b>	serum, plasma, urine, cerebrospinal fluid	<b>Sensitivity:</b>	0.5 µg/ml	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:1–1:101	<b>Incubation:</b>	90'/60'/15', 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	10–100 µl	<b>Calibrators:</b>	7 (0–50 µg/ml)	<b>Normal range, µg/ml:</b>	6–13

\* – the kit is made to order

REF K250

**CRP ultra EIA**

CE

<b>Sample type:</b>	serum, plasma	<b>Sensitivity:</b>	0.05 mg/l	<b>Control sample:</b>	1
<b>Sample predilution:</b>	1:101	<b>Incubation:</b>	30'/30'/15', 37 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	25 µl	<b>Calibrators:</b>	6 (0–25 mg/l)	<b>Normal range, mg/l:</b>	0–5.0

REF K470

**Circulating Immune Complexes (turbidimetry)**

<b>Sample type:</b>	serum, plasma	<b>Incubation:</b>	120', 18–25 °C	<b>Shelf life:</b>	18 months
<b>Sample volume:</b>	20 µl				

## QUALITY CONTROL SERA FOR IMMUNOASSAYS

### **REF** KQ13 AutoQon Auto-Thyroid Control, 3 level



***AutoQon controls are derived from autoimmune disease state plasmas.***

A set of control preparations containing normal, moderately elevated and significantly elevated levels of autoantibodies to thyroid antigens (thyroglobulin, thyroperoxidase and TSH-receptor).

**Presentation:** lyophilized, 5 vials, 1 for each variant, 1.0 ml each

**Shelf-life:** 4 years

### **REF** KQ21 HormoQon Control, 2 level



***HormoQon controls are made from healthy donor sera with purified antigens added.***

A set of control preparations containing 2 levels (normal and significantly elevated concentrations) of hormones.

**Presentation:** lyophilized, 2 level, 2 vials for each level, 2.0 ml each

**Shelf-life:** 4 years

### **REF** KQ22 OmaQon Control, 2 level



***OmaQon controls are made from healthy donor sera with purified antigens added.***

A set of control preparations containing 2 levels (moderate and significantly elevated concentrations) of tumor markers.

**Presentation:** lyophilized, 2 level, 2 vials for each level, 2.0 ml each

**Shelf-life:** 4 years

### **REF** KQ23 PrenaQon Control, 2 level

***PrenaQon controls are made from healthy donor sera with purified antigens added.***

A set of control preparations containing 2 levels (normal and pathological concentrations) of trisomy 21 (Down syndrome) markers: HCG, AFP, Estriol, free beta-HCG, PAPP-A.

**Presentation:** lyophilized, 2 level, 2 vials for each level, 1.0 ml each

**Shelf-life:** 4 years

**On request:**

**KQ153 CoronaQon Ab Control**

***New test!***

**KQ053 CoronaQon Ag Control**

***New test!***

## REAGENTS FOR IMMUNOCHEMISTRY, IMMUNOHISTOCHEMISTRY AND FLOW CYTOMETRY\*

Cat.No.	Product name	Intended use and comments
<b>Primary Antibodies</b>		
Monoclonal antibodies for immunohistochemistry/immunocytochemistry/flow cytometry, presented in stabilizing buffer and titered on standard sections. Shelf life – 18 months at +4 °C. Unit: 0.5 ml vial with concentrated antibody.		
AH200	mAb anti-IgE epsilon for IHC	Detection of IgE protein, mast cells in tissues and basophils by flow cytometry
AH221	mAb anti-PSA total for IHC	Detection of prostatic tumors
AH222	mAb anti-CA125 for IHC	Detection of ovarian and other adenocarcinomas
AH224	mAb anti-CEA for IHC	Detection of adenocarcinomas
AH225	mAb anti-AFP for IHC	Detection of primary hepatomas, embryonal cell tumors
AH226	mAb anti-MUC1 for IHC	Detection of mammary and other adenocarcinomas
<b>Species specific detection kits for paraffin and cryostat sections</b>		
The kits contain: ready to use Blocking solution for sections; Biotinylated anti-species antibodies; Streptavidin-HRPO conjugate; DAB substrate for 100 determinations; shelf life – 18 months at +4 °C		
KH301	Rabbit IHC detection set	Detection of rabbit antibodies in IHC preparations
KH302	Murine IHC detection set	Detection of murine monoclonal antibodies in IHC preparations
<b>Auxillary reagents for IHC. Shelf life – at least, 2 years at 4 °C.</b>		
S005X	PBS conc. for IHC	10x concentrate; pH=7.2; 120 ml
S006X	Citrate buffer conc. for IHC	10x concentrate; pH=6.0; 120 ml
S015X	TRIS buffer conc. for IHC	10x concentrate; pH=7.6; 120 ml
SH022	Tween-HCl for IHC	0.1M HCl; 0.1% Tween-20; 120 ml
SH025	Antibody dilution buffer for IHC	120 ml
SH301	Blocking solution for IHC (rabbit)	5 ml
SH302	Blocking solution for IHC (murine)	5 ml

\* – the reagents are made to order.