



# **PRODUCT CATALOG**

## **2021/2022**

**INSTITUTE FOR THE APPLICATION OF NUCLEAR ENERGY-INEP**

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**ISO 9001, ISO 13485, ISO 14971, ISO/IEC 17025; Aligned according to the Directive 98/79/EC (CE)**

**IMMUNODIAGNOSTICS**  
**IVD DIAGNOSTIC KITS**  
**ELISA FOR SARS CoV-2**

<b>Product Name</b>	<b>Use</b>	<b>Method</b>	<b>Label</b>	<b>Size</b>	<b>Sample type and size</b>	<b>Incubation time</b>	<b>Cat.No.</b>
<b>ELISA SARS-CoV-2 IgG</b>	Detection and semi-quantitative measurement of IgG class antibodies against the spike and nucleocapsid proteins of SARS-CoV-2 virus in human blood.	ELISA	HRPO	96 ELISA plate	Human serum or plasma; 10 µL	60 min, +37°C, 60 min RT, 10 min RT	1178
<b>ELISA SARS-CoV-2 IgM</b>	Detection and semi-quantitative measurement of IgM class antibodies against the spike and nucleocapsid proteins of SARS-CoV-2 virus in human blood.	ELISA	HRPO	96 ELISA plate	Human serum or plasma; 10 µL	60 min, +37°C, 60 min RT, 10 min RT	1172

**IMMUNODIAGNOSTICS**  
**IVD DIAGNOSTIC KITS**  
**RIA / IRMA IMMUNOASSAYS**

**ENDOCRINOLOGY (FERTILITY, THYROID TESTING, DIABETES), ONCOLOGY**

Product Name	Use	Method	Label	Size	Sample type and size	Incubation time	Cat.No.
<b>IRMA hLH Lutheinizng hormone</b>	Fertility & Reproduction	IRMA	<sup>125</sup> I	100 tubes	Human serum or plasma; 100µL	180 min, RT with shaking (120 min 37°C)	220
<b>IRMA FSH Follicle stimulating hormone</b>	Fertility & Reproduction	IRMA	<sup>125</sup> I	100 tubes	Human serum or plasma; 50µL	180 min, RT with shaking (120 min 37°C)	210
<b>IRMA hCG Human chorionic gonadotropin</b>	Fertility & Reproduction	IRMA	<sup>125</sup> I	100 tubes	Human serum or plasma; 50µL	2 X 30 min, RT with shaking (120 min 37°C)	250
<b>IRMA PRL Prolactin</b>	Tumor marker Fertility & Reproduction	IRMA	<sup>125</sup> I	100 tubes	Human serum or plasma; 50µL	180 min, RT with shaking (120 min 37°C)	230
<b>IRMA AFP α-fetoprotein</b>	Fertility & Reproduction	IRMA	<sup>125</sup> I	60 tubes	Human serum or plasma; 50µL	2 X 60 min, RT with shaking	270
<b>RIA PROGESTERONE (PEG) Progesterone</b>	Tumor marker Fertility & Reproduction	RIA	<sup>125</sup> I	100 tubes	Human serum or plasma; 50µL	180 min, RT with shaking	80
<b>RIA TESTOSTERONE (CT) Testosterone</b>	Fertility & Reproduction	RIA	<sup>125</sup> I	50 tubes	Human serum or plasma; 25 µL	120 min, 37°C	110

Product Name	Use	Method	Label	Size	Sample type and size	Incubation time	Cat.No.
<b>IRMA TSH</b> <b>Thyroid stimulating hormone</b>	Thyroid function	IRMA	<sup>125</sup> I	100 tubes	Human serum or plasma; 100 µL	180 min, RT with shaking (120 min 37°C)	240
<b>RIA T3 (PEG)</b> <b>Triiodo-thyronine</b>	Thyroid function	RIA	<sup>125</sup> I	100 tubes	Human serum or plasma; 100 µL	120 min, RT	10
<b>RIA T4 (PEG)</b> <b>Thyroxin</b>	Thyroid function	RIA	<sup>125</sup> I	100 tubes	Human serum or plasma; 25 µL	60 min, RT	20
<b>RIA T3 (CT)</b> <b>Triiodo-thyronine</b>	Thyroid function	RIA	<sup>125</sup> I	100 tubes	Human serum or plasma; 50 µL	120 min, 37°C	30
<b>RIA T4 (CT)</b> <b>Thyroxin</b>	Thyroid function	RIA	<sup>125</sup> I	100 tubes	Human serum or plasma; 20 µL	60 min, 37°C	40
<b>IRMA Tg</b> <b>Thyroglobulin</b>	Thyroid function	IRMA	<sup>125</sup> I	100 tubes	Human serum or plasma; 100 µL	20 h (overnight), RT	470
<b>RIA Tg AB (PEG)</b> <b>Anti thyroglobulin autoantibodies</b>	Tumor marker Thyroid function	RIA	<sup>125</sup> I	70 tubes	Human serum or plasma; 100 µL	120 min, RT	60
<b>RIA INSULIN (PEG)</b> <b>Insulin</b>	Diabetes related	RIA	<sup>125</sup> I	70 tubes	Human serum or plasma; 100 µL	20 h (overnight), RT	120
<b>IRMA C-PEPTIDE</b> <b>C-peptide</b>	Endocrinology Diabetes related	IRMA	<sup>125</sup> I	60 tubes	Human serum or plasma; 100 µL	20 h (overnight), RT	320
<b>IRMA CEA</b> <b>Carcinoembryonic antigen</b>	Endocrinology Tumor marker	IRMA	<sup>125</sup> I	60 tubes	Human serum or plasma; 50 µL	2x60 min, RT with shaking (180 min 37°C)	260
<b>IRMA PSA</b> <b>Prostata specific antigen</b>	Tumor marker	IRMA	<sup>125</sup> I	60 tubes	Human serum or plasma; 50 µL	20 h, RT with shaking	280
<b>IRMA fPSA</b> <b>Prostata specific antigen (free)</b>	Tumor marker	IRMA	<sup>125</sup> I	60 tubes	Human serum or plasma; 50 µL	20 h, RT with shaking	300
<b>IRMA Fer</b> <b>Ferritin</b>	Tumor marker	IRMA	<sup>125</sup> I	60 tubes	Human serum or plasma; 50 µL	2 X 60 min, RT with shaking	370

## MOLECULAR IMMUNOLOGY

### Diagnostics for determination of human immunoglobulin/complement concentration

#### RADIAL IMMUNODIFFUSION PLATES (RID)

ProductName	Use	Method	Size	Sample type and size	Incubation time	Cat.No.
<b>RID, IgA human</b> Human IgA	Protein quantitation	RID	1 plate (for 8 analyzes)	Human serum; 5 µL	48 h	800
<b>RID, IgG human</b> Human IgG	Protein quantitation	RID	1 plate (for 8 analyzes)	Human serum; 5 µL	48 h	810
<b>RID , IgM human</b> Human IgM	Protein quantitation	RID	1 plate (for 8 analyzes)	Human serum; 5 µL	80 h	820

### Diagnostics for determination of autoantibodies

#### ANTIGENS FOR DETERMINATION OF AUTOANTIBODIES

ProductName	Use	Method	Size	Sample type and size	Incubation time	Cat. No.
<b>Antigen ASMA</b> (stomach)	Immunology	Indirect	5 microscope slides,	Human serum; 25 µL	30 min+ 20 min, RT	1290
	Autoimmunity	Immunofluorescence	(2 sections C /slide) (10 sections C/slide)			1291
<b>Antigen LKM</b> (liver/kidney)	Immunology	Indirect	5 microscope slides	Human serum; 25 µL	30 min+ 20 min, RT	1400
	Autoimmunity	Immunofluorescence	(2 sections C /slide) (10 sections C/slide)			1410
<b>Antigen APA</b> (stomach)	Immunology	Indirect	5 microscope slides	Human serum; 25 µL	30 min+ 20 min, RT	1310
	Autoimmunity	Immunofluorescence	(2 sections C /slide)			

C-Crio-sections

### FITC DIAGNOSTIC KITS FOR INFECTIOUS SEROLOGY

Product Name	Use	Method	Label	Size	Sample type and size	Incubation time	Cat.No.
<b>FITC <i>Echinococcus granulosus</i> Antibody Detection Kit</b> Human specific antibody to <i>E. granulosus</i>	Infective diseases	Indirect Immunofluorescence	FITC	5 microscope slides (2 sections P /slide)	Human serum; 25 µL	15 min+30 min+ 20 min, RT	670
<b>FITC <i>Trichinella spiralis</i> Antibody Detection Kit</b> Human specific antibody to <i>Trichinella</i>	Infective diseases	Indirect Immunofluorescence	FITC	5 microscope slides (2 sections P /slide)	Human serum; 25 µL	15 min+30 min+ 20 min, RT	680

P-Paraffine embeded tissue sections

### DIAGNOSTIC AGENTS FOR INFECTIOUS SEROLOGY

Product Name	Use	Method	Label	Size	Sample type and size	Incubation time	Cat.No.
<b>Excretory-secretory antigen (ES L1)from <i>Trichinella spiralis</i> muscle larvae</b>	Infective diseases	Immunoblot,	None	2 mL	/	/	1173
		Immuno-electrophoresis		1 mL			1172

**SUPPLEMENTAL RESEARCH AGENTS  
POLYCLONAL ANTIBODIES**

<b>Product Name</b>	<b>Use</b>	<b>Method</b>	<b>Label</b>	<b>Size</b>	<b>Sample type and size</b>	<b>Incubation time</b>	<b>Cat.No.</b>
<b>Policlonal antibodies to multiple protein components of human serum</b> <i>Host animal - sheep, High Becker titer, Mono-specific, liquid</i>	Immunology	Immunoelectrophoresis,	None	2 mL	/	/	900
		Immunohistochemistry, Miscellaneous		1 mL			901
<b>Policlonal antibodies to human IgG</b> ( $\gamma$ Chain Specific) <i>Host animal - sheep, High Becker titer, Mono-specific, liquid</i>	Immunology	Immunoelectrophoresis,	None	2 mL	/	/	930
		Immunohistochemistry, Miscellaneous		1 mL			931
<b>Policlonal antibodies to human IgA</b> ( $\alpha$ Chain Specific) <i>Host animal - sheep, High Becker titer, Mono-specific, liquid</i>	Immunology	Immunoelectrophoresis,	None	2 mL	/	/	940
		Immunohistochemistry, Miscellaneous		1 mL			941
<b>Policlonal antibodies to human IgM</b> ( $\mu$ Chain Specific) <i>Host animal - sheep, High Becker titer, Mono-specific, liquid</i>	Immunology	Immunoelectrophoresis,	None	2 mL	/	/	950
		Immunohistochemistry, Miscellaneous		1 mL			951

### FITC CONJUGATED POLYCLONAL ANTIBODIES

Product Name	Use	Method	Label	Size	Sample type and size	Incubation time	Cat.No.
<b>FITC conjugated antibodies to human IgA</b> ( $\alpha$ Chain specific), <i>Host animal - sheep,</i> <i>IgG fraction, buffered solution, liquid</i>	Immunology	Direct and Indirect Immunofluorescence, Immunohistochemistry	FITC	2 mL	/	20-30 min, according to type of the study and with appropriate, predetermined dilution	1020
				1 mL			1021
<b>FITC conjugated antibodies to human IgG</b> ( $\gamma$ Chain Specific), <i>Host animal - sheep,</i> <i>IgG fraction, buffered solution, liquid</i>	Immunology	Direct and Indirect Immunofluorescence, Immunohistochemistry	FITC	2 mL	/	20-30 min, according to type of the study and with appropriate, predetermined dilution	1030
				1 mL			1031
<b>FITC conjugated antibodies to human IgM</b> ( $\mu$ Chain Specific), <i>Host animal - sheep,</i> <i>IgG fraction, buffered solution, liquid</i>	Immunology	Direct and Indirect Immunofluorescence, Immunohistochemistry	FITC	2 mL	/	20-30 min, according to type of the study and with appropriate, predetermined dilution	1040
				1 mL			1041
<b>FITC conjugated antibodies to Human Ig(G+A+M),</b> <i>Host animal - sheep,</i> <i>IgG fraction, buffered solution, liquid</i>	Immunology	Direct and Indirect Immunofluorescence, Immunohistochemistry	FITC	2 mL	/	20-30 min, according to type of the study and with appropriate, predetermined dilution	1060
				1 mL			1061

### PEROXIDASE CONJUGATED POLYCLONAL ANTIBODIES

Product Name	Use	Method	Label	Size	Sample type and size	Incubation time	Cat.No.
<b>Peroxidase conjugated antibodies to Human IgG</b> ( $\gamma$ Chain Specific), <i>Host animal - sheep,</i> <i>Affinity purified antibody, buffered glycerol solution, liquid</i>	Immunology	Immunochemistry, ELISA	Peroxidase	2 mL,	/	According to type of the study and with appropriate, predetermined dilution	1070
				1 mL,			1100
				0.5 mL,			1090
				0,25 mL			1080



