

Dedication to general health?

We I.V.D.O thatTM

Clinical Chemistry
catalog

Medix Biochemica

Introduction

Clinical chemistry is an applied field of chemistry aimed at measuring biomarkers, such as the concentrations of electrolytes, lipids, hormones, activity of specific enzymes or other blood chemistries. Typically using bodily fluids such as serum, plasma or urine as patient sample types, clinical chemistry tests utilize lab techniques such as immunoassays, electrophoresis and spectrophotometry related methods to make these measurements. With accurate test results in hand, health care professionals are then able to make assessments in organ function, disease diagnosis or monitor the effectiveness of therapeutic interventions.

While improvements have been made in the throughput, performance and reliability of these tests, much of the chemistries used in these tests have remained relatively unchanged since their introduction in the 1900s. For instance, alanine transaminase (ALT/GPT), aspartate aminotransferase (AST/GOT) and alkaline phosphatase (ALP) enzyme levels are used to

assess liver function while creatinine kinase-MB helps determine risk for cardiac disease. Other tests are routinely utilized to help a clinician assess disease states. Elevated gamma glutamyl trans-ferase (gGT) levels in the blood may indicate liver damage while acid phosphatase (ACP) is an enzyme that increases in response to infection or prostate cancer. Since one test result is typically not sufficient for a diagnosis, physicians order panels of tests to collect enough information to make a proper assessment of health. Medix Biochemica provides a wide selection of high-quality native antigens and enzymes with expert customer service. These products are optimized with industrial-scale manufacturing procedures to produce certified batch-to-batch consistency and have made Medix Biochemica an ideal raw material supply partner for QC material manufacturers or other important customers in the in vitro diagnostic (IVD) community.



Products

Acid Phosphatase (ACP)	4
Alanine Aminotransferase (ALT)	4
Alkaline Phosphatase (ALP)	4
Alpha-Amylase (AMY)	4
Aspartate Aminotransferase (AST)	4
Butyrylcholinesterase (BCHE)	4
Cholesterol (TC)	5
Creatine Kinase (CK)	5
Gamma-Glutamyl Transferase (GGT)	5
High Density Lipoprotein (HDL)	5
Lactate Dehydrogenase (LDH)	6
Lipase (LIP)	6
Low Density Lipoprotein (LDL)	6
Pyruvate Kinase (PK)	6
Triglycerides (TRIG)	6

Product	Source	Purity	Form	Catalog number
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Acid Phosphatase (ACP)

ENZYMES

Prostatic ACP/PAP	Human Semen	High Purity	Lyophilized	475-31
			Liquid	475-32
Non-Prostatic ACP	Sweet Potato	Purified	Lyophilized	475-41
			Liquid	475-45

Alanine Aminotransferase (ALT)

ENZYMES

ALT/GPT	Porcine Heart	Purified	Lyophilized	310-30
			Liquid	310-20

Alkaline Phosphatase (ALP)

ENZYMES

ALP	Calf Intestine	Purified	Lyophilized	480-20
	Porcine Kidney	Purified	Lyophilized	490-20
	Human Liver	Purified	Liquid	486-10

Alpha-Amylase (AMY)

ENZYMES

AMY	Human Saliva	High Purity	Liquid	120-17
			Lyophilized	120-10
	Human Pancreas	Purified	Liquid	120-15
Lyophilized			120-16	
Porcine Pancreas	Purified	Lyophilized	122-20	

Aspartate Aminotransferase (AST)

ENZYMES

AST/GOT	Porcine Heart	Purified	Lyophilized	300-20
	Human Liver	Purified	Lyophilized	306-10

Butyrylcholinesterase (BCHE)

ENZYMES

BCHE	Equine Serum	Purified	Lyophilized	130-10
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Product	Source	Purity	Form	Catalog number
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Cholesterol (TC)

CONCENTRATES

TC	Bovine Serum	Purified	Liquid	185-10
			Liquid	185-13
			Liquid	185-20
	Human Plasma	Purified	Liquid	360-35

Creatine Kinase (CK)

ENZYMES

CK	Porcine Heart	Purified	Lyophilized	191-45	
			High Purity	191-46	
			Lyophilized	191-50	
			Lyophilized	190-10	
			Lyophilized	191-24	
CK-BB	Bovine Heart	Purified	Lyophilized	190-10	
			Lyophilized	191-24	
CK-MB	Porcine Brain	Purified	Lyophilized	191-24	
			Human Heart	High Purity	Liquid
CK-MM	Human Skeletal Muscle	High Purity	Purified	Liquid	190-24
			Lyophilized	Liquid	190-25
			Lyophilized	Liquid	190-29
Human Heart	Purified	Lyophilized	190-28		
		Lyophilized	190-26		

Gamma-Glutamyl Transferase (GGT)

ENZYMES

gGT	Bovine Kidney	Purified	Lyophilized	315-10
	Porcine Kidney	Purified	Lyophilized	315-20

High Density Lipoprotein (HDL)

CONCENTRATES

HDL-C	Human Plasma	Purified	Liquid	361-10
			Liquid	361-12

Product	Source	Purity	Form	Catalog number
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Lactate Dehydrogenase (LDH)

ENZYMES

LDH	Chicken Heart	Purified	Lyophilized	350-50
	Bovine Heart	Purified	Lyophilized	350-20
	Porcine Heart	Purified	Lyophilized	350-90
LDH-1	Human Erythrocytes	Purified	Liquid	350-80
			Liquid	355-12
			Liquid	355-10
			Liquid	355-20
			Liquid	355-30
LDH-4	Human Liver	Purified	Liquid	355-40
LDH-5			Liquid	355-50

Lipase (LIP)

ENZYMES

LIP	Human Pancreas	Purified	Lyophilized	400-20
	Porcine Pancreas	Purified	Lyophilized	400-10

Low Density Lipoprotein (LDL)

CONCENTRATES

LDL-C	Human Plasma	Purified	Liquid	360-10
				360-12
LDL-C	Human Plasma	Highly Purified	Liquid	360-30 <small>NEW</small>
Oxidized LDL-C	Human Plasma	Highly Purified	Liquid	360-31 <small>NEW</small>

Pyruvate Kinase (PK)

ENZYME

PK	Rabbit Muscle	Purified	Lyophilized	500-20
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Triglycerides (TRIG)

CONCENTRATES

TRIG	Human Plasma	Purified	Liquid	361-56
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Medix Biochemica Group

Medix Biochemica is a global, market-leading supplier of critical raw materials to the *in vitro* diagnostics (IVD) industry. Our mission is to enable IVD customers to deliver accurate results to billions of patients worldwide. By working in partnership with Medix Biochemica, IVD manufacturers can reduce their time to market through our industry-leading expertise which increases efficiencies and builds quality into their tests. We achieve this through our deep scientific know-how combined with the broadest and most relevant raw material portfolio and our relentless focus on quality.

Medix Biochemica Group employs more than 260 professionals worldwide. With headquarters in Finland, we serve our worldwide customers through our local teams in the US, Europe, and Asia. www.medixbiochemica.com

Close to our global customers

We serve our global customers from our sites in Finland, the USA, France, Germany and China.



The first-choice partner

- Focusing on IVD manufacturers' needs
- Capability to support customers across the globe
- Focus on new product development based on customer needs
- Efficient and scalable manufacturing capabilities



Widest portfolio

- Monoclonal antibodies
- Antigens for immunoassay materials
- Molecular diagnostics reagents
- Enzymes for clinical chemistry controls
- Biochemicals and biologicals



Highest quality

- ISO 13485 & FDA QSR compliance
- Batch to batch consistency
- Scalable production capability from milligrams to kilograms

Our values



We care

We put the customer first; we care for the people and the world around us.



We dare

We are ambitious and innovative; we take risks and dare to win with our customers.



We deliver

We commit to our customers and keep our promises.

Get in touch

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