FastELISA™ MPO (Human) ELISA Kit

Catalog # KA7055 Size 1 Kit

Specification

Product Description	FastELISA™ MPO (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of Human MPO (Myeloperoxidase) in Serum, plasma.
Suitable Sample	Serum, Plasma, etc.
Sample Volume	50 uL
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.63-40 ng/mL
Limit of Detection	184 pg/mL
Specificity	This assay is highly specific for detection of Human MPO. No significant cross-reactivity or interference between Human MPO and analogues was observed.
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 2-8°C for 6 months. For long term storage store at -20°C. Avoid repeated freezing and thawing.

Applications

- Quantification

Gene Info — MPO

Entrez GeneID	4353
Gene Name	MPO

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Gene Alias	-
Gene Description	myeloperoxidase
Omim ID	104300 254600 606989
Gene Ontology	Hyperlink
Gene Summary	Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of netrophils. [provided by RefSeq
Other Designations	-

Disease

- Absenteeism
- Acquired Immunodeficiency Syndrome
- Acute Disease
- Adenocarcinoma
- Aggressive Periodontitis
- Agranulocytosis
- Alzheimer disease
- Arsenic Poisoning
- Arteriosclerosis
- Asthma
- Atherosclerosis
- Atrophy
- Autoimmune Diseases
- Behcet Syndrome
- Biliary Tract Neoplasms
- Birth Weight

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- Brain Infarction
- Brain Ischemia
- Brain Neoplasms
- Breast cancer
- Breast Neoplasms
- Bronchial Hyperreactivity
- Bronchitis
- Carcinoma
- Cardiovascular Diseases
- Carotid Artery Diseases
- Cerebrovascular Accident
- Chlamydia Infections
- Chromosome Aberrations
- Chronic Disease
- Chronic Periodontitis
- Churg-Strauss Syndrome
- Cocarcinogenesis
- Cognition
- Cognition Disorders
- Colorectal Neoplasms
- Coronary Artery Disease
- Coronary Disease
- Delayed Graft Function
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies

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- Disease Progression
- Disease Susceptibility
- DNA Damage
- Drug Hypersensitivity
- Duodenal Ulcer
- Edema
- Endometriosis
- Esophageal Neoplasms
- Eye Diseases
- Gastritis
- Gender Identity
- Genetic Predisposition to Disease
- Giant Cell Arteritis
- Glioblastoma
- Glioma
- Glomerulonephritis
- Gram-Negative Bacterial Infections
- Head and Neck Neoplasms
- Helicobacter Infections
- Hemochromatosis
- Hemorrhage
- Hepatitis C
- Hepatoblastoma
- Hereditary hemochromatosis
- Hypersensitivity
- Infection

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- Inflammation
- Intestinal Neoplasms
- Ischemia
- Keratosis
- Kidney Diseases
- Kidney Failure
- Laryngeal Neoplasms
- Leiomyoma
- Leukemia
- Liver Cirrhosis
- Liver Neoplasms
- Lung carcinoma
- Lung Neoplasms
- Lupus Erythematosus
- Lymphoma
- Meningeal Neoplasms
- Meningioma
- Metabolic Syndrome X
- Metaplasia
- Micronuclei
- Mouth Neoplasms
- Multiple Myeloma
- Multiple Sclerosis
- Myocardial Infarction
- Narcolepsy
- Neoplasms

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- Obesity
- Occupational Diseases
- Oropharyngeal Neoplasms
- Osteoporosis
- Osteosarcoma
- Ovarian cancer
- Ovarian Neoplasms
- Pancreatic cancer
- Pancreatic Neoplasms
- Papillomavirus Infections
- Pelvic Inflammatory Disease
- Peptic Ulcer
- Periodontal Diseases
- Pharyngeal Neoplasms
- Pneumonia
- Polymyalgia Rheumatica
- Postoperative Complications
- Precancerous Conditions
- Pre-Eclampsia
- Prostate cancer
- Prostatic Neoplasms
- Pulmonary Disease
- Pulmonary Emphysema
- Recurrence
- Respiratory Tract Diseases
- Rhinitis

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- Schizophrenia
- Sepsis
- Stomach Diseases
- Stomach Neoplasms
- Stroke
- Substance-Related Disorders
- Urinary Bladder Neoplasms
- Uterine Cervical Neoplasms
- Uterine Neoplasms
- Vasculitis
- Ventricular Dysfunction
- Vitiligo
- Wegener Granulomatosis
- Werner syndrome

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