

Human Eosinophil cationic protein ELISA Kit | RNASE3 elisa kit

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CATALOG #
AAA310152

REACTIVITY
Human

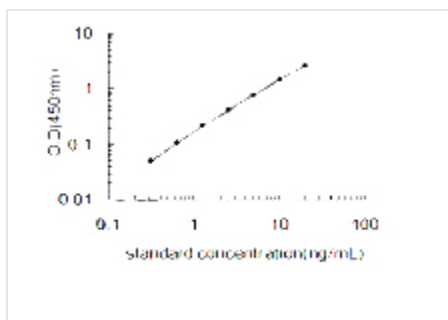
PRODUCT SYNONYMS

Eosinophil cationic protein; Human Eosinophil cationic protein ELISA Kit; ECP; Ribonuclease 3; RNase 3; RNASE3; RNS3; 3.1.27.-; RNASE3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural humanECP. No significant cross-reactivity or interference was observed. Note?Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between humanECPand all the analogues, therefore, cross reaction may still exist.
Samples	Serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.312ng/mL -20.0ng/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RNASE3 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of humanECP concentrations in serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ECP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific forECP and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain ECP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of ECP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

45243507

NCBI GeneID	6037
NCBI Accession #	NP_002926.2
NCBI GenBank Nucleotide #	NM_002935.2
UniProt Accession #	P12724; Q4VBC1; Q8WTP7; Q8WZ62; Q9GZN9
Molecular Weight	18,385 Da
NCBI Official Full Name	eosinophil cationic protein
NCBI Official Synonym Full Names	ribonuclease A family member 3
NCBI Official Symbol	RNASE3
NCBI Official Synonym Symbols	ECP; RAF1; RNS3
NCBI Protein Information	eosinophil cationic protein
UniProt Protein Name	Eosinophil cationic protein
UniProt Gene Name	RNASE3
UniProt Synonym Gene Names	ECP; RNS3; ECP; RNase 3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rnase3-human-elisa-kits/eosinophil-cationic-protein/310152>