

Human eosinophil cationic protein, ECP ELISA Kit | ECP elisa kit

Human eosinophil Cationic protein, ECP ELISA Kit

CATALOG #
AAA15031

REACTIVITY
Human

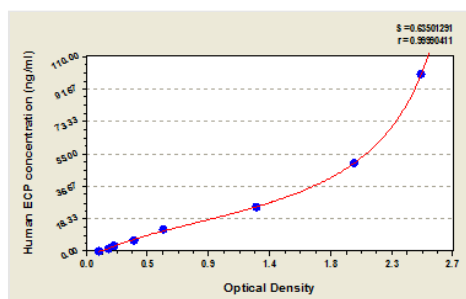
PRODUCT SYNONYMS

eosinophil cationic protein; ECP; Human eosinophil Cationic protein; ECP ELISA Kit; Human eosinophil cationic protein; ECP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ECP. No significant cross-reactivity or interference between human ECP and analogues was observed.
Sequence Length	160
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	< 0.39 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ECP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ECP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ECP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ECP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ECP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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, RNase A family, 3
NCBI Official Symbol	RNASE3
NCBI Official Synonym Symbols	ECP; RNS3
NCBI Protein Information	eosinophil cationic protein; RNase 3; ribonuclease 3; cytotoxic ribonuclease
UniProt Protein Name	Eosinophil cationic protein
UniProt Gene Name	RNASE3
UniProt Synonym Gene Names	ECP; RNS3; ECP; RNase 3
UniProt Entry Name	ECP_HUMAN

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/human-elisa-kits/eosinophil-cationic-protein-ecp/15031>