

Mouse Eosinophil Cationic Protein (ECP) ELISA Kit | ECP elisa kit

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CATALOG #
AAA332426

REACTIVITY
Mouse

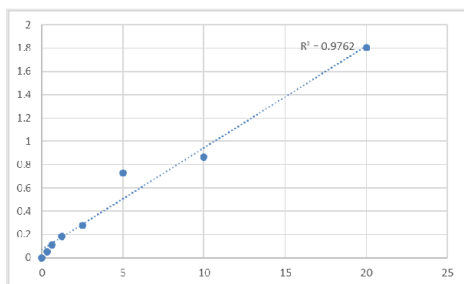
PRODUCT SYNONYMS

Eosinophil Cationic Protein (ECP); Mouse Eosinophil Cationic Protein (ECP) ELISA Kit; ECP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Eosinophil cationic protein (ECP) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse ECP. No significant cross-reactivity or interference between Mouse ECP and analogues was observed.
Sequence Length	160
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Eosinophil cationic protein (ECP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ECP elisa kit	Description: This Mouse Eosinophil cationic protein (ECP) ELISA Kit employs a two-site sandwich ELISA to quantitate ECP in samples. An 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, Streptavidin 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. Background: Three immunization procedures were compared for the production of antibodies to the minor components of a complex E. coli protein (ECP) mixture: a conventional protocol and two methods that allow for the selective in vitro (cascade) or in vivo (passive) depletion of highly immunogenic proteins. An E. coli protein, designated omega, has been purified at least 1000-fold. Treatment of a eovalently closed DNA duplex containing negative superhelical turns with omega results in the loss of most of the superhelical turns. The loss of superhelical turns follows a gradual course rather than a one-hit mechanism. This reaction does not require a cofactor. No other change in the physical properties of the DNA could be detected. omega is capable of introducing a "swivel" reversibly into a DNA. A plausible mechanism is postulated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45243507
NCBI GeneID	6037
NCBI GenBank Nucleotide #	NP_002926.2
UniProt Accession #	P12724
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

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.