

Ribonuclease 3/ECP/RNASE3 Polyclonal Antibody(Capture/Detector)

catalog number: AN000500P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

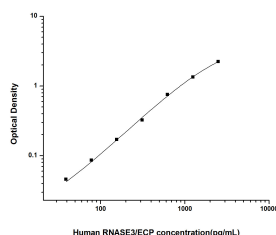
Reactivity	Human
Immunogen	Recombinant Human Ribonuclease 3/ECP/RNASE3 protein expressed by Mammalian
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications

Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL

Data



Sandwich ELISA-Recombinant Human Ribonuclease 3/ECP/RNASE3 protein standard curve. Background subtracted standard curve using Ribonuclease 3/ECP/RNASE3 antibody(AN000500P) (Capture), Ribonuclease 3/ECP/RNASE3 antibody(AN000500P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human Ribonuclease 3/ECP/RNASE3 protein is 39.06-2500 pg/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Eosinophil Cationic Protein (ECP) also known as ribonuclease 3 is a basic protein located in the eosinophil primary matrix. In humans, the eosinophil cationic protein is encoded by the RNASE3 gene. ECP is released during degranulation of eosinophils. This protein is related to inflammation and asthma because in these cases, there are increased levels of ECP in the body. There are three glycosylated forms of ECP and consequently ECP has a range of molecular weights from 18-22 kDa

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