

Human Collapsin response mediator protein 5 ELISA Kit | CRMP5 elisa kit

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CATALOG #
AAA16114

REACTIVITY
Human

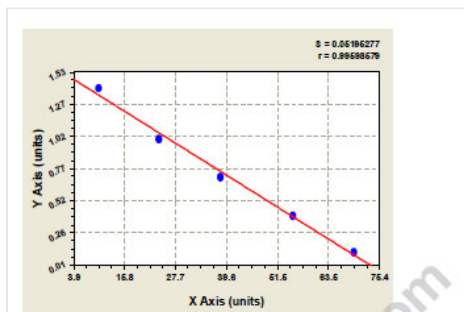
PRODUCT SYNONYMS

Collapsin response mediator protein 5; Human Collapsin response mediator protein 5 ELISA Kit; CRMP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRMP5 elisa kit

Intended Uses||This CRMP5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CRMP5. This ELISA kit for research use only!

Principle of the Assay: CRMP5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-CRMP5 antibody and an CRMP5-HRP conjugate. The assay sample and buffer are incubated together with CRMP5-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme- substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CRMP5 concentration since CRMP5 from samples and CRMP5- HRP conjugate compete for the anti- CRMP5 antibody binding site. Since the number of sites is limited, as more sites are occupied by CRMP5 from the sample, fewer sites are left to bind CRMP5-HRP conjugate. A standards curve is plotted relating the intensity of the color (O.D.) to the concentration standard curve.

Product Categories/Family for CRMP5 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	8886025
NCBI GeneID	56896
Molecular Weight	61,421 Da
NCBI Official Full Name	collapsin response mediator protein-5
NCBI Official Synonym Full Names	dihydropyrimidinase-like 5
NCBI Official Symbol	DPYSL5
NCBI Official Synonym Symbols	CRAM; CRMP5; Ulip6; CRMP-5
NCBI Protein Information	dihydropyrimidinase-related protein 5; DRP-5; ULIP-6; CRMP3-associated molecule; UNC33-like phosphoprotein 6; collapsin response mediator protein 5; collapsin response mediator protein-5
UniProt Protein Name	Dihydropyrimidinase-related protein 5
UniProt Gene Name	DPYSL5
UniProt Synonym Gene Names	CRMP5; ULIP6; DRP-5; CRAM; CRMP-5; ULIP-6
UniProt Entry Name	DPYL5_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/crmp5-human-elisa-kits/collapsin-response-mediator-protein-5/16114>