

Human Cysteine rich motor neuron 1 protein (CRIM1) ELISA Kit | CRIM1 elisa kit

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CATALOG #
AAA247064

REACTIVITY
Human

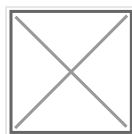
PRODUCT SYNONYMS

Cysteine rich motor neuron 1 protein (CRIM1); Human Cysteine rich motor neuron 1 protein (CRIM1) ELISA Kit; CRIM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRIM1 elisa kit

Intended Uses: This CRF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CRF. This ELISA kit for research use only!

Principle of the Assay: CRF ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CRF antibody and an CRF-HRP conjugate. The assay sample and buffer are incubated together with CRF-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 CRF concentration since CRF from samples and CRF-HRP conjugate compete for the anti-CRF antibody binding site. Since the number of sites is limited, as more sites are occupied by CRF from the sample, fewer sites are left to bind CRF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CRF concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CRIM1 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092639
NCBI GeneID	51232

NCBI Accession #	NP_057525.1
NCBI GenBank Nucleotide #	NM_016441.2
Molecular Weight	113,738 Da
NCBI Official Full Name	cysteine-rich motor neuron 1 protein
NCBI Official Synonym Full Names	cysteine rich transmembrane BMP regulator 1 (chordin-like)
NCBI Official Symbol	CRIM1
NCBI Official Synonym Symbols	S52; CRIM-1
NCBI Protein Information	cysteine-rich motor neuron 1 protein; cysteine-rich repeat-containing protein S52
UniProt Protein Name	Cysteine-rich motor neuron 1 protein
UniProt Gene Name	CRIM1
UniProt Synonym Gene Names	S52; UNQ1886/PRO4330; CRIM-1
UniProt Entry Name	CRIM1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cysteine-rich-motor-neuron-1-protein-crim1/247064>