

Human SEMA3A (Semaphorin 3A) CLIA Kit | SEMA3A clia kit

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CATALOG #
AAA171064

REACTIVITY
Human

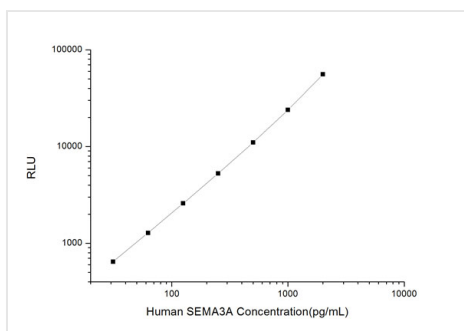
PRODUCT SYNONYMS

SEMA3A (Semaphorin 3A); Human SEMA3A (Semaphorin 3A) CLIA Kit; SEMA3A clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant SEMA3A. No significant cross-reactivity or interference between SEMA3A and analogues was observed.
Sequence Length	771
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMA3A clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of SEMA3A concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to SEMA3A. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for SEMA3A and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain SEMA3A, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of SEMA3A. You can calculate the concentration of SEMA3A in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174673
NCBI GeneID	10371
NCBI Accession #	NP_006071.1
NCBI GenBank Nucleotide #	NM_006080.2
Molecular Weight	88,889 Da
NCBI Official Full Name	semaphorin-3A
NCBI Official Synonym Full Names	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A
NCBI Official Symbol	SEMA3A
NCBI Official Synonym Symbols	HH16; SemD; COLL1; SEMA1; SEMAD; SEMAL; coll-1; Hsema-I; SEMAIII; Hsema-III
NCBI Protein Information	semaphorin-3A
UniProt Protein Name	Semaphorin-3A
UniProt Gene Name	SEMA3A
UniProt Synonym Gene Names	SEMAD; Sema III
UniProt Entry Name	SEM3A_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://www.aaabiotech.com/human-clia-kits/sema3a-semaphorin-3a/171064>