

Human Syncytin 1 ELISA Kit | ERVW-1 elisa kit

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CATALOG #
AAA27404

REACTIVITY
Human

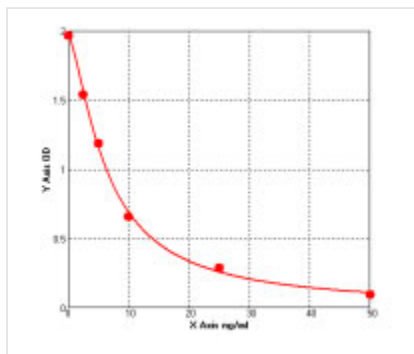
PRODUCT SYNONYMS

Syncytin 1; Human Syncytin 1 ELISA Kit; ERVW-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SYN1. No significant cross-reactivity or interference between SYN1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SYN1 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	538
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ERVW-1 elisa kit	Principle of the Assay: SYN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SYN1 antibody and an SYN1-HRP conjugate. The assay sample and buffer are incubated together with SYN1-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 SYN1 concentration since SYN1 from samples and SYN1-HRP conjugate compete for the anti-SYN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SYN1 from the sample, fewer sites are left to bind SYN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SYN1 concentration in each sample is interpolated from this standard curve. Intended Uses: This SYN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SYN1. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	195963433
NCBI GeneID	30816
NCBI Accession #	NP_001124397.1
NCBI GenBank Nucleotide #	NM_001130925.1
UniProt Accession #	Q9UQF0; O95244; O95245; Q8NHY7; Q9NRZ2; Q9NZG3; B2RPD4
Molecular Weight	59,866 Da
NCBI Official Full Name	syncytin-1
NCBI Official Synonym Full Names	endogenous retrovirus group W member 1, envelope
NCBI Official Symbol	ERVW-1
NCBI Official Synonym Symbols	ENV; ENVW; HERVW; ERVWE1; HERV7Q; HERV-7q; HERVWENV; HERV-W-ENV
NCBI Protein Information	syncytin-1
UniProt Protein Name	Syncytin-1
UniProt Gene Name	ERVW-1
UniProt Synonym Gene Names	ERVWE1; SU; TM

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.