

Human R-Spondin1 ELISA Kit | RSPO1 elisa kit

Human R-Spondin1 PicoKine Quick ELISA Kit

CATALOG # AAA128097	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

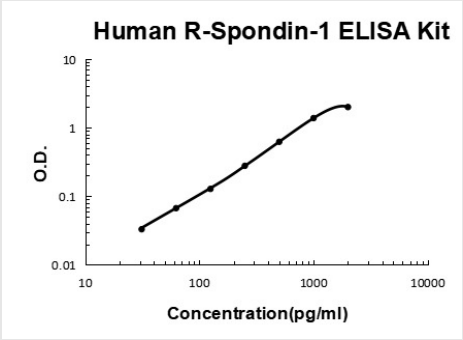
R-Spondin1; Human R-Spondin1 PicoKine Quick ELISA Kit; R-spondin-1; Roof plate-specific spondin-1; hRspo1; RSPO1; RSPO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Assay Range	31.2pg/ml-2,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: S21-A263
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for RSPO1 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)031.262.512525050010002000O.D.0.0300.0630.0970.1580.3080.6531.4122.031
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)10231584598304805Standard deviation5.6016.0642.256.4616.4145.08CV (%)5.6%5.6%5%6.6%5.4%5.6%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 1102908999955.615.9%Sample 231529827529529514.24.8%Sample 384582987795187546.895.3%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
Human R-Spondin-1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for RSPO1 elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for RSPO1 elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	84490388
NCBI GeneID	284654
NCBI Accession #	NP_001033722.1
NCBI GenBank Nucleotide #	NM_001038633.3
UniProt Accession #	Q2MKA7; Q0H8S6; Q14C72; Q5T0F2; Q8N7L5; A2A420
Molecular Weight	28,959 Da
NCBI Official Full Name	R-spondin-1 isoform 1
NCBI Official Synonym Full Names	R-spondin 1
NCBI Official Symbol	RSPO1
NCBI Official Synonym Symbols	RSPO; CRISTIN3
NCBI Protein Information	R-spondin-1; R-spondin homolog; roof plate-specific spondin-1
UniProt Protein Name	R-spondin-1
UniProt Gene Name	RSPO1
UniProt Synonym Gene Names	hRspo1
UniProt Entry Name	RSPO1_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/rspo1-human-elisa-kits/r-spondin1/128097>