

Human R-Spondin 3 (RSPO3) ELISA Kit | RSPO3 elisa kit

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CATALOG #
AAA63336

REACTIVITY
Human

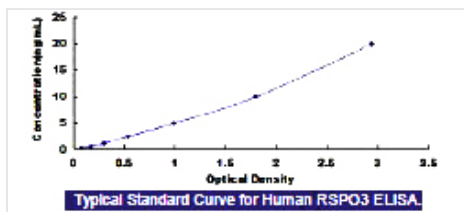
PRODUCT SYNONYMS

R-Spondin 3 (RSPO3); Human R-Spondin 3 (RSPO3) ELISA Kit; CD85 antigen-like family member E; ILT6; ILT-6; Immunoglobulin-like transcript 6; Leukocyte immunoglobulin-like receptor 4; RSPO3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RSPO3. No significant cross-reactivity or interference between RSPO3 and analogues was observed.
Sequence Length	272
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.116ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RSPO3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level RSPO3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RSPO3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of RSPO3 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RSPO3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RSPO3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain RSPO3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of RSPO3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18490982
NCBI GeneID	84870
NCBI Accession #	NP_116173.2
NCBI GenBank Nucleotide #	NM_032784.4
UniProt Accession #	Q9BXY4; Q5VTV4; Q96K87; B2RC27
Molecular Weight	33,233 Da
NCBI Official Full Name	R-spondin-3
NCBI Official Synonym Full Names	R-spondin 3
NCBI Official Symbol	RSPO3
NCBI Official Synonym Symbols	PWTSR; THSD2; CRISTIN1
NCBI Protein Information	R-spondin-3
UniProt Protein Name	R-spondin-3
UniProt Gene Name	RSPO3
UniProt Synonym Gene Names	PWTSR; THSD2; hPWTSR; hRspo3

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/human-elisa-kits/r-spondin-3-rspo3/63336>