

Human R-spondin homolog (Xenopus laevis) ELISA Kit | RSPO1 elisa kit

Human R-spondin-1, RSPO1 ELISA Kit

CATALOG #
AAA113015

REACTIVITY
Human

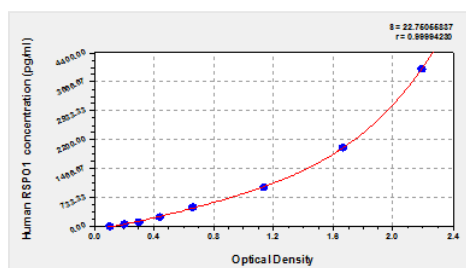
PRODUCT SYNONYMS

R-spondin homolog (Xenopus laevis); Human R-spondin-1; RSPO1 ELISA Kit; Human R-spondin-1 (RSPO1) ELISA kit; RP11-566C13.1; CRISTIN3; FLJ40906; RSPO; OTTHUMP00000180612; OTTHUMP00000180613; R-spondin1; roof plate-specific spondin; RSPO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human RSPO1. No significant cross-reactivity or interference between Human RSPO1 and analogues was observed.
Sequence Length	263
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	15.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Neurobiology
Protein Biological Process 3	Sensory transduction
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RSPO1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for RSPO1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RSPO1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RSPO1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of RSPO1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	--

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rspo1-human-elisa-kits/r-spondin-homolog-xenopus-laevis/113015>