

Human R-spondin-1, RSPO1 ELISA Kit | RSPO1 elisa kit

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CATALOG #
AAA123661

REACTIVITY
Human

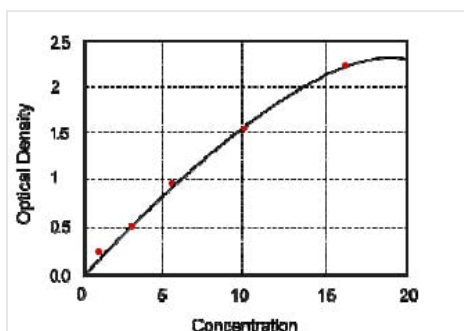
PRODUCT SYNONYMS

R-spondin-1; RSPO1; Human R-spondin-1; RSPO1 ELISA Kit; RSPO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	265
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 6000ng/L
Sensitivity	9.52ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RSPO1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human R-spondin-1 (also known as RSPO1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human RSPO1 antibody. RSPO1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human RSPO1 Antibody is added and binds to RSPO1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated RSPO1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human RSPO1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	81870047
NCBI GeneID	192199
UniProt Accession #	Q9Z132
NCBI Official Full Name	R-spondin-1
NCBI Official Synonym Full Names	R-spondin 1
NCBI Official Symbol	Rspo1
NCBI Official Synonym Symbols	Rspondin; R-spondin
NCBI Protein Information	R-spondin-1
UniProt Protein Name	R-spondin-1
UniProt Gene Name	Rspo1
UniProt Synonym Gene Names	Cristin-3; mCristin-3

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-1-rspo1/123661>