

Mouse R-Spondin 1 ELISA Kit | RSPO1 elisa kit

Mouse R-Spondin 1 ELISA Kit

CATALOG #
AAA16014

REACTIVITY
Mouse

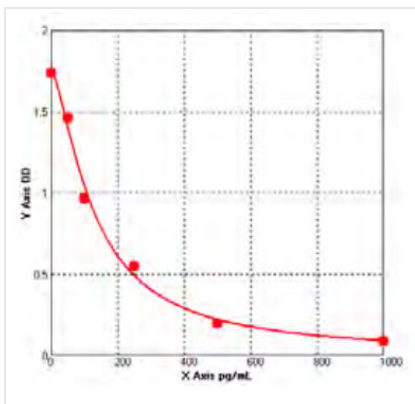
PRODUCT SYNONYMS

R-Spondin 1; Mouse R-Spondin 1 ELISA Kit; RSPO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of RSPO1. No significant cross-reactivity or interference between RSPO1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RSPO1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RSPO1 elisa kit	Principle of the Assay: RSPO1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RSPO1 antibody and an RSPO1-HRP conjugate. The assay sample and buffer are incubated together with RSPO1-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 RSPO1 concentration since RSPO1 from samples and RSPO1-HRP conjugate compete for the anti-RSPO1 antibody binding site. Since the number of sites is limited, as more sites are occupied by RSPO1 from the sample, fewer sites are left to bind RSPO1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RSPO1 concentration in each sample is interpolated from this standard curve. Intended Uses: This RSPO1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse RSPO1. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	84105054
NCBI GeneID	284654
Molecular Weight	21,775 Da
NCBI Official Full Name	R-spondin 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-mouse-elisa-kits/r-spondin-1/16014>