

Human Resolvin D5 ELISA Kit | RvD5 elisa kit

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CATALOG # AAA247799	REACTIVITY Human	APPLICATIONS ELISA
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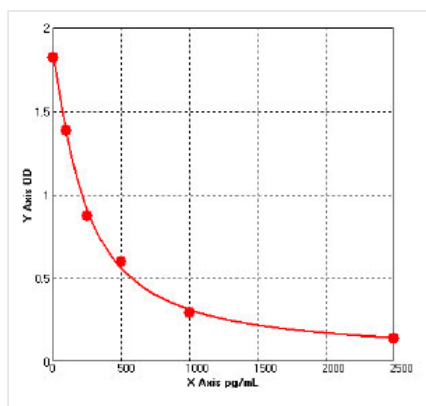
PRODUCT SYNONYMS

Resolvin D5; Human Resolvin D5 ELISA Kit; RvD5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RVD5. No significant cross-reactivity or interference between RVD5 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RVD5 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
Applicable Applications for RvD5 elisa kit	ELISA
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RvD5 elisa kit	Principle of the Assay: RVD5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RVD5 antibody and an RVD5-HRP conjugate. The assay sample and buffer are incubated together with RVD5-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 RVD5 concentration since RVD5 from samples and RVD5-HRP conjugate compete for the anti-RVD5 antibody binding site. Since the number of sites is limited, as more sites are occupied by RVD5 from the sample, fewer sites are left to bind RVD5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RVD5 concentration in each sample is interpolated from this standard curve. Intended Uses: This RVD5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RVD5. This ELISA kit for research use only, not for therapeutic or test applications!
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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/rvd5-human-elisa-kits/resolvin-d5/247799>