

Human beta defensin 5, HBD5 ELISA Kit | HBD5 elisa kit

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CATALOG #
AAA122509

REACTIVITY
Human

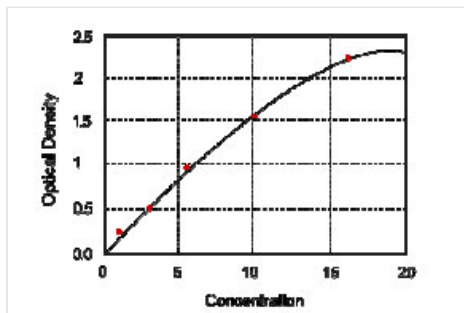
PRODUCT SYNONYMS

beta defensin 5; HBD5; Human beta defensin 5; HBD5 ELISA Kit; HBD5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.2-70ng/ml
Sensitivity	0.099ng/ml
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 HBD5 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human beta defensin 5 (also known as HBD5) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human HBD5 antibody. HBD5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human HBD5 Antibody is added and binds to HBD5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HBD5 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 HBD5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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/human-elisa-kits/beta-defensin-5-hbd5/122509>