

Human defensin, beta 103A ELISA Kit | DEFB103A elisa kit

Human beta-defensins 3 ELISA Kit

CATALOG #
AAA15028

REACTIVITY
Human

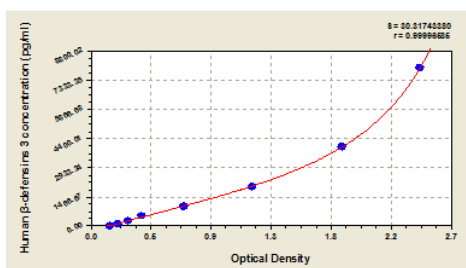
PRODUCT SYNONYMS

defensin; beta 103A; Human beta-defensins 3 ELISA Kit; DEFB103; DEFB3; HBD-3; HBD3; HBP-3; HBP3; beta-defensin 3; beta 3; DEFB103A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human beta-defensins 3. No significant cross-reactivity or interference between human beta-defensins 3 and analogues was observed.
Sequence Length	67
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, urine, tissue homogenates
Detection Range	125 pg/ml-8000 pg/ml
Sensitivity	< 31.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 DEFB103A elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for beta-defensins 3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any beta-defensins 3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for beta-defensins 3 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 beta-defensins 3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	125656159
NCBI GeneID	414325
NCBI Accession #	NP_001075020.1
NCBI GenBank Nucleotide #	NM_001081551.3
UniProt Accession #	P81534; Q8NFG6; Q9NPF6
Molecular Weight	7,697 Da
NCBI Official Full Name	beta-defensin 103
NCBI Official Synonym Full Names	defensin, beta 103A
NCBI Official Symbol	DEFB103A
NCBI Official Synonym Symbols	BD-3; HBD3; HBP3; DEFB3; HBP-3; hBD-3; DEFB-3; DEFB103
NCBI Protein Information	beta-defensin 103; beta-defensin 3; defensin, beta 3; defensin, beta 103; defensin-like protein
UniProt Protein Name	Beta-defensin 103
UniProt Gene Name	DEFB103A
UniProt Synonym Gene Names	BD3; DEFB103; DEFB3 DEFB103B; BD-3; DEFB-3; HBD3; hBD-3
UniProt Entry Name	D103A_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://www.aaabiotech.com/defb103a-human-elisa-kits/defensin-beta-103a/15028>