

ARG82252 Human BD3 / beta Defensin 3 ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG82252 Human BD3 / beta Defensin 3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human BD3 / beta Defensin 3 in serum and plasma.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Not react with following recombinant human proteins: ApoA1, BMP1, BMP2, BMP3, BMP4, CCL4 / MIP1 beta, CRP, HSP27, IL1 beta, IL1RA, IL2, IL4, IL5, IL8, IL10, IL12, IL15, IL17C, IL21, IL23, IL2R, BD2, IFN gamma, PDGF, PLA2G7, prolactin, TGF beta 1, TGF beta 2, TGF beta 3, TLR1, TLR2, TLR3, TNF alpha, TNF RI, TNF RII, VEGF.
Target Name	BD3 / beta Defensin 3
Conjugation	HRP
Conjugation Note	Read at 450 nm.
Sensitivity	6.25 pg/ml
Sample Type	Serum and plasma.
Standard Range	12.5 - 800 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6% Inter-Assay CV: 9%
Alternate Names	BD-3; HBD3; HBP3; DEFB3; HBD-3; HBP-3; DEFB-3; DEFB103

Application Instructions

Assay Time	~ 3 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

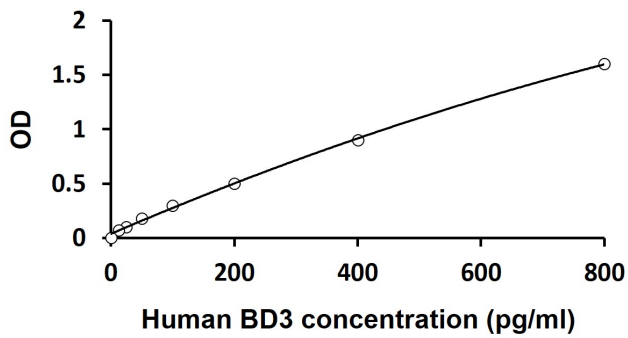
Bioinformation

Gene Symbol	DEFB103B
Gene Full Name	defensin beta 103B
Background	Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 103, which has

broad spectrum antimicrobial activity and may play an important role in innate epithelial defense. [provided by RefSeq, Oct 2014]

Function	Exhibits antimicrobial activity against Gram-positive bacteria <i>S.aureus</i> and <i>S.pyogenes</i> , Gram-negative bacteria <i>P.aeruginosa</i> and <i>E.coli</i> and the yeast <i>C.albicans</i> . Kills multiresistant <i>S.aureus</i> and vancomycin-resistant <i>E.faecium</i> . No significant hemolytic activity was observed. [UniProt]
Highlight	Related products: beta Defensin antibodies ; beta Defensin ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Secreted. [UniProt]

Images



ARG82252 Human BD3 / beta Defensin 3 ELISA Kit standard curve image

ARG82252 Human BD3 / beta Defensin 3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.