

Human DEFbeta2/DEFB2 (Defensin Beta 2) CLIA Kit | DEFB2/DEFB2 clia kit

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CATALOG #
AAA171371

REACTIVITY
Human

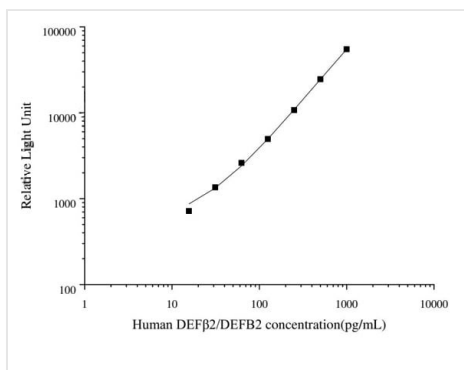
PRODUCT SYNONYMS

DEFbeta2/DEFB2 (Defensin Beta 2); Human DEFbeta2/DEFB2 (Defensin Beta 2) CLIA Kit; Human DEFB2/DEFB2 (Defensin Beta 2) CLIA Kit; Human DEFB2/DEFB2; DEFB2/DEFB2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human DEFbeta2/DEFB2 in samples. No significant cross-reactivity or interference between Human DEFbeta2/DEFB2 and analogues was observed
Sequence Length	71
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.63-1000 pg/mL
Sensitivity	9.38 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid-range and high level Human DEFbeta2/DEFB2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid-range and high level Human DEFbeta2/DEFB2 were tested on 3 different plates, 20 replicates in each plate, respectively.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFB2/DEFB2 clia kit	Principle of the Assay: This CLIA kit uses the Sandwich-CLIA principle. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to Human DEFbeta2/DEFB2. Samples or Standards are added to the micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human DEFbeta2/DEFB2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human DEFbeta2/DEFB2, biotinylated detection antibody and Avidin-HRP conjugate will appear luminescence. The Relative light unit (RLU) value is measured by the Chemiluminescence immunoassay analyzer at 425nm. The RLU value is positively associated with the concentration of Human DEFbeta2/DEFB2. You can calculate the concentration of Human DEFbeta2/DEFB2 in the samples by comparing the RLU value of the samples to the standard curve. Intended Uses: This CLIA kit applies to the in vitro quantitative determination of Human DEFbeta2/DEFB2 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	80478968
NCBI GeneID	13215
Molecular Weight	7,820 Da
NCBI Official Full Name	Defensin beta 2
NCBI Official Synonym Full Names	defensin beta 2
NCBI Official Symbol	Defb2
NCBI Official Synonym Symbols	BD-2
NCBI Protein Information	beta-defensin 2
UniProt Protein Name	Beta-defensin 2
UniProt Gene Name	Defb2
UniProt Synonym Gene Names	BD-2; mBD-2
UniProt Entry Name	DEFB2_MOUSE

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.