

Datasheet for ABIN5706901 **beta 2 Defensin ELISA Kit**



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Overview

Quantity:	96 tests
Target:	beta 2 Defensin (BD-2)
Reactivity:	Rat
Method Type:	Sandwich ELISA
Detection Range:	0.156 ng/mL - 10 ng/mL
Minimum Detection Limit:	0.156 ng/mL
Application:	ELISA

Product Details

Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	0.061 ng/mL

Target Details

Target:	beta 2 Defensin (BD-2)
Alternative Name:	Defensin Beta 2 (DEFb2) (BD-2 Products)
Background:	Alternative name: B-DF2, DEFB2, BD2, DEF-B2, HBD2, DEFB102, HBD-2, SAP1, DEFB4A, DEFB4, Skin-Antimicrobial Peptide 1

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Pre-coated, ready to use 96-well strip plate,
Standard (freeze dried),
Standard Diluent,
Detection Reagent A,
Detection Reagent B,
Assay Diluent A,
Assay Diluent B,
TMB substrate,
Stop Solution,
Wash Buffer(30 x concenthumane),
Plate sealer for 96 wells,
Instruction manual

Sample Volume: 100 µL

Assay Time: 1 - 4.5 h

Plate: Pre-coated

Protocol:

1. Prepare all reagents, samples and standards
2. Add 100µL standard or sample to each well. Incubate 2 hours at 37°C
3. Aspirate and add 100µL prepared Detection Reagent A. Incubate 1 hour at 37°C
4. Aspirate and wash 3 times
5. Add 100µL prepared Detection Reagent B. Incubate 1 hour at 37°C
6. Aspirate and wash 5 times
7. Add 90µL Substrate Solution. Incubate 15-25 minutes at 37°C
8. Add 50µL Stop Solution. Read at 450nm immediately.

Restrictions: For Research Use only

Handling

Storage: 4 °C

Expiry Date: 12 months
