Best Tools for immunology Research

Human BD-3 ELISA Kit

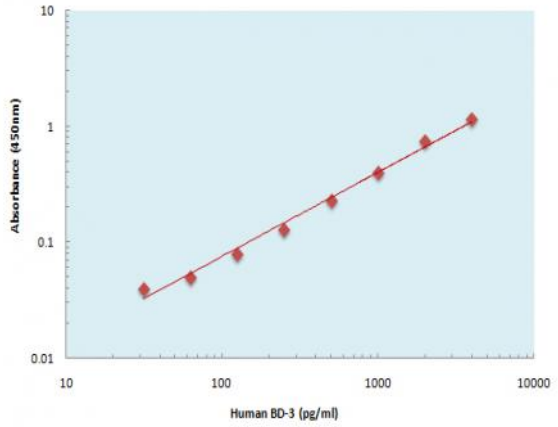
Catalog No :	KE1004
Reactivity :	Human
Applications :	ELISA
Gene Name :	DEFB103A/DEFB103B
Protein Name :	Beta-defensin 103
Human Gene Id :	414325
Human Swiss Prot No :	P81534
Specificity :	Sample Type for Cell Culture Supernates, Cell lysates, Tissue Lysates, Serum, EDTA Plasma, Heparin Plasma
Storage Stability :	2-8°C/6 months
Detection Method :	Colorimetric
Background :	function:Exhibits antimicrobial activity against Gram-positive bacteria S.aureus and S.pyogenes, Gram-negative bacteria P.aeruginosa and E.coli and the yeast C.albicans. Kills multiresistant S.aureus and vancomycin-resistent E.faecium. No significant hemolytic activity was observed.,induction:By infection of bacteria and by interferon gamma.,mass spectrometry: PubMed:11085990,similarity:Belongs to the beta-defensin family.,tissue specificity:Highly expressed in skin and tonsils, and to a lesser extent in trachea, uterus, kidney, thymus, adenoid, pharynx and tongue. Low expression in salivary gland, bone marrow, colon, stomach, polyp and larynx. No expression in small intestine.,
Function :	regulation of immune effector process, regulation of production of molecular mediator of immune response, regulation of antimicrobial humoral response, regulation of antimicrobial peptide production, regulation of antibacterial peptide production, regulation of antimicrobial peptide biosynthetic process, positive regulation of antimicrobial peptide biosynthetic process, regulation of antibacterial peptide biosynthetic process, regulation of biosynthetic process of antibacterial peptides active against Gram-positive bacteria, regulation of response to biotic stimulus, regulation of humoral immune response, defense response, positive regulation of antibacterial peptide

biosynthetic process,positive regulation of biosynthetic process of antibacterial peptides active against Gram-positive bacteria, response to bacterium, positive regulation of biosynthetic process, positive regulation of cel

Subcellular Location : Secreted.

Expression : Highly expressed in skin and tonsils, and to a lesser extent in trachea, uterus, kidney, thymus, adenoid, pharynx and tongue. Low expression in salivary gland, bone marrow, colon, stomach, polyp and larynx. No expression in small intestine.

Products Images



The Human BD-3 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human BD-3 proteins within the range of 64-4000 pg/ml.