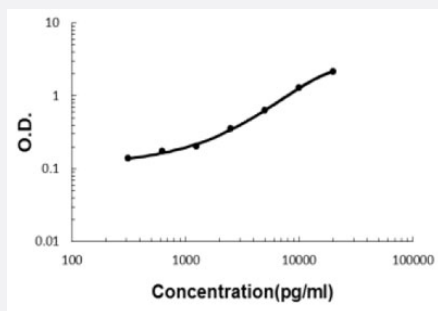


DEFA1 (Human) ELISA Kit

Catalog # KA5465 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	DEFA1 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for quantitative detection of human DEFA1 in cell culture supernates, serum and plasma (heparin, EDTA).
Suitable Sample	Cell culture supernates, Serum and Plasma (heparin, EDTA)
Sample Volume	100 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	312 to 20000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for six months. For long term storage store at -20°C. Avoid repeated freezing and thawing.

Applications

- Quantification

Gene Info — DEFA1

Entrez GeneID	1667
Gene Name	DEFA1
Gene Alias	DEF1, DEFA2, HNP-1, HP-1, MGC138393, MRS
Gene Description	defensin, alpha 1
Omim ID	125220
Gene Ontology	Hyperlink
Gene Summary	<p>Defensins are a family of microbicidal and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. Several alpha defensin genes appear to be clustered on chromosome 8. The protein encoded by this gene, defensin, alpha 1, is found in the microbicidal granules of neutrophils and likely plays a role in phagocyte-mediated host defense. It differs from defensin, alpha 3 by only one amino acid. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000196017 defensin, alpha 1, myeloid-related sequence defensin, alpha 2 myeloid-related sequence

Disease

- [Genetic Predisposition to Disease](#)
- [Sepsis](#)