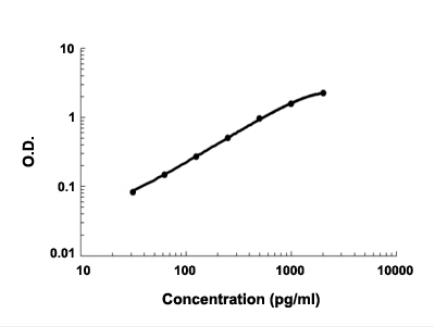
PI3 (Human) ELISA Kit

Catalog # KA4060 Size 1 Kit

Applications



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

Specification

Product Description	PI3 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human PI3.
Suitable Sample	Cell culture supernates, Plasma (heparin, EDTA), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 pg/ml to 2000 pg/ml
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of demonstration 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 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — PI3

Entrez GeneID	5266
Gene Name	PI3
Gene Alias	ESI, MGC13613, SKALP, WAP3, WFDC14, cementoin
Gene Description	peptidase inhibitor 3, skin-derived
Omim ID	182257
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an elastase-specific inhibitor that functions as an antimicrobial peptide against Gram-positive and Gram-negative bacteria. The protein contains a WAP-type four-disulfide core (WFDC) domain, and is thus a member of the WFDC domain family. Most WFDC gene members are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene belongs to the centromeric cluster. Expression of this gene is upgulated by bacterial lipopolysaccharides and cytokines. [provided by RefSeq
Other Designations	OTTHUMP00000031100|WAP four-disulfide core domain 14|elafin|elastase-specific inhibitor|protease inhibitor 3, skin-derived (SKALP)|skin-derived antileukoproteinase

Disease

- Genetic Predisposition to Disease
- Liver Cirrhosis
- Respiratory Distress Syndrome

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