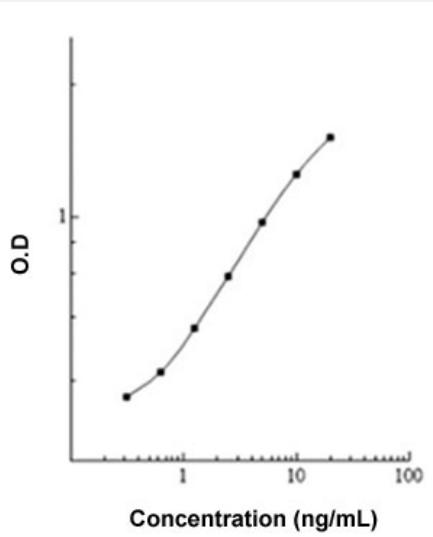
TPI1 (Human) ELISA Kit

Catalog # KA6021 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	TPI1 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human TPI1.
Suitable Sample	Cell Culture Supernates, Cell Lysate, Milk, Plasma, Serum.
Sample Volume	50 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.313 to 20 ng/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)

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Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknown s. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — TPI1

Entrez GeneID	7167
Protein Accession#	P60174
Gene Name	TPI1
Gene Alias	MGC88108, TPI
Gene Description	triosephosphate isomerase 1
Omim ID	190450
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme, consisting of two identical proteins, which catalyzes the isomeriza tion of glyceraldehydes 3-phosphate (G3P) and dihydroxy-acetone phosphate (DHAP) in glycolysi s and gluconeogenesis. Mutations in this gene are associated with triosephosphate isomerase d eficiency. Pseudogenes have been identified on chromosomes 1, 4, 6 and 7. Alternative splicing results in multiple transcript variants. [provided by RefSeq
Other Designations	-

Pathway

- Carbon fixation in photosynthetic organisms
- Fructose and mannose metabolism
- Glycolysis / Gluconeogenesis
- Inositol phosphate metabolism

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- Metabolic pathways

Disease

- Malaria

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