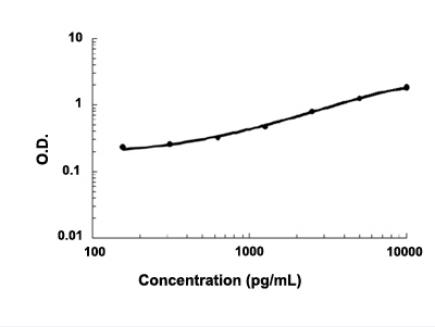
KIT (Human) ELISA Kit

Catalog # KA3347 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	KIT (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of hum an KIT.
Suitable Sample	Cell Culture Supernate, Plasma (EDTA, Heparin), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 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 unkn owns. 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 — KIT

Entrez GeneID	3815
Gene Name	KIT
Gene Alias	C-Kit, CD117, PBT, SCFR
Gene Description	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
Omim ID	164920 172800 273300 601626 606764
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the human homolog of the proto-oncogene c-kit. C-kit was first identified as th e cellular homolog of the feline sarcoma viral oncogene v-kit. This protein is a type 3 transmembra ne receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in this ge ne are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous luk emia, and piebaldism. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	mast/stem cell growth factor receptor|proto-oncogene tyrosine-protein kinase Kit|soluble KIT varia nt 1

Pathway

- Acute myeloid leukemia
- Cytokine-cytokine receptor interaction
- Endocytosis
- Hematopoietic cell lineage
- Melanogenesis
- Pathways in cancer

Disease

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- Acute Disease
- Aneuploidy
- Azoospermia
- Chronic Disease
- Constipation
- Disease Progression
- Gastrointestinal Stromal Tumors
- Genetic Predisposition to Disease
- Hematologic Neoplasms
- Hyperpigmentation
- Infertility
- Leukemia
- Liver Neoplasms
- Lung Neoplasms
- Malignant melanoma
- Mastocytosis
- Melanoma
- Neoplasm
- Neoplasm Recurrence
- Neoplasm Seeding
- Oligospermia
- Osteoporosis
- Pancreatic cancer
- Pancreatic Neoplasms
- Skin Neoplasms
- Splenic Neoplasms

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- Stomach Neoplasms
- Thyroid Neoplasms
- Translocation

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