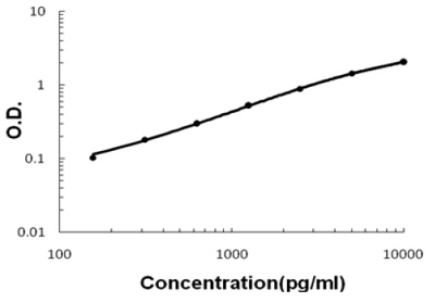
EREG (Human) ELISA Kit

Catalog # KA5094 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	EREG (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for quantitative detect ion of human epiregulin in cell culture supernates, cell lysates, serum and plasma (heparin, EDTA).
Suitable Sample	Cell culture supernates, cell lysates, serum and plasma (heparin, EDTA)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 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 unknown s. 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.

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Applications

- Quantification

Gene Info — EREG

Entrez GeneID	2069
Gene Name	EREG
Gene Alias	ER
Gene Description	epiregulin
Omim ID	602061
Gene Ontology	Hyperlink
Gene Summary	Epiregulin is a member of the epidermal growth factor family. Epiregulin can function as a ligand of EGFR (epidermal growth factor receptor), as well as a ligand of most members of the ERBB (v-erb-b2 oncogene homolog) family of tyrosine-kinase receptors. [provided by RefSeq
Other Designations	-

Publication Reference

- 3-Nitrobenzanthrone promotes malignant transformation in human lung epithelial cells through the epiregulin-signaling pathway.

  Kuan-Yuan Chen, Chien-Hua Tseng, Po-Hao Feng, Wei-Lun Sun, Shu-Chuan Ho, Cheng-Wei Lin, Nguyen Van Hiep, Ching-Shan Luo, Yen-Han Tseng, Tzu-Tao Chen, Wen-Te Liu, Kang-Yun Lee, Sheng-Ming Wu.

  Cell Biology and Toxicology 2022 Oct; 38(5):865.

  Application: Quant, Human, Beas-2b cell

Pathway

- ErbB signaling pathway

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