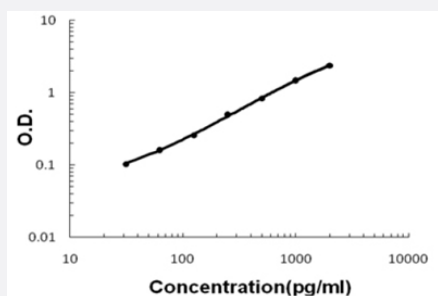


RLN3 (Human) ELISA Kit

Catalog # KA5101 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	RLN3 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for quantitative detection of human Relaxin 3 in cell culture supernates, serum and plasma (heparin).
Suitable Sample	Cell culture supernates, serum and plasma (heparin)
Sample Volume	100 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 to 2000 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 — RLN3

Entrez GeneID	117579
Gene Name	RLN3
Gene Alias	H3, RXN3, ZINS4, insl7
Gene Description	relaxin 3
Omim ID	606855
Gene Ontology	Hyperlink
Gene Summary	Relaxins are known endocrine and autocrine/paracrine hormones, belonging to the insulin gene superfamily. In the human there are three non-allelic relaxin genes, RLN1, RLN2 and RLN3. RLN1 and RLN2 share high sequence homology. Relaxin is produced by the ovary, and targets the mammalian reproductive system to ripen the cervix, elongate the pubic symphysis and inhibit uterine contraction. It may have additional roles in enhancing sperm motility, regulating blood pressure, controlling heart rate and releasing oxytocin and vasopressin. The protein encoded by this gene is a member of the relaxin family. The active form of the encoded protein consists of an A chain and a B chain but their cleavage sites are not definitely described yet. It may play a role in neuropeptide signaling processes. [provided by RefSeq]
Other Designations	insulin-like 7

Publication Reference

- [H3 relaxin protects against calcium oxalate crystal-induced renal inflammatory pyroptosis.](#)

Jiannan Liu, Kelaier Yang, Yinshan Jin, Yadong Liu, Yaodong Chen, Xiaohui Zhang, Shiliang Yu, Erlin Song, Song Chen, Jingbo Zhang, Guanhua Jing, Ruihua An.

Cell proliferation 2020 Oct; 53(10):e12902.

Application: Quant, Human, Human serum

Disease

- [Genetic Predisposition to Disease](#)
- [Premature Birth](#)