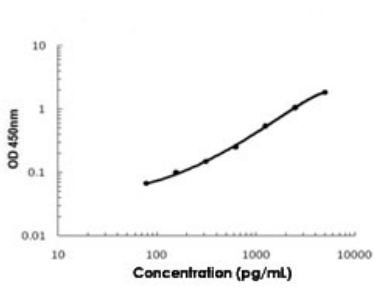
RLN1 (Human) ELISA Kit

Catalog # KA5084 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	RLN1 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative me asurement of human RLN1 in cell culture supernates, serum and plasma (heparin).
Suitable Sample	Cell culture supernates, Serum and Plasma (heparin)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	78 to 5000 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 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — RLN1

Entrez GeneID	6013
Gene Name	RLN1
Gene Alias	H1, RLXH1, bA12D24.3.1, bA12D24.3.2
Gene Description	relaxin 1
Omim ID	179730
Gene Ontology	Hyperlink
Gene Summary	Relaxins are known endocrine and autocrine/paracrine hormones, belonging to the insulin gene s uperfamily. In the human there are three non-allelic relaxin genes, RLN1, RLN2 and RLN3. RLN1 a nd RLN2 share high sequence homology. This encoded protein is synthesized as a single-chain p olypeptide but the active form consists of an A chain and a B chain linked by disulfide bonds; how ever, their exact cleavage sites have not been described. Relaxin is produced by the ovary, and ta rgets the mammalian reproductive system to ripen the cervix, elongate the pubic symphysis and in hibit uterine contraction. It may have additional roles in enhancing sperm motility, regulating blood pressure, controlling heart rate and releasing oxytocin and vasopressin. This gene has multiple po lyadenylation sites. There are multiple alternatively spliced transcript variants described for this ge ne but their full length nature is not known yet. [provided by RefSeq
Other Designations	OTTHUMP00000021026|preprorelaxin H1|prorelaxin|relaxin H1

Disease

- Genetic Predisposition to Disease
- Premature Birth