

ARG30058 Luteinizing Hormone ELISA Antibody Duo

Package: 1 pair
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG10177	anti-LH / Luteinizing Hormone antibody [LH-1]	Mouse mAb	Hu	ELISA, IHC-P	100 µg

Summary

Product Description	<p>In the female menstrual cycle, during a 24-48 hour period, luteinizing hormone (LH) is rapidly released from gonadotropic cells in pituitary gland as a result of positive feedback regulation by the elevated estrogen during follicle maturation. The LH surge triggers the release of mature egg from ovarian follicle and the development of remaining follicle into corpus luteum. Progesterone secreted by corpus luteum is needed for preparing the endometrium for egg implantation. LH is critical for ovulation in women. In men, LH stimulates testis to produce testosterone.</p> <p>LH has an α subunit that is identical to the one in other glycoprotein hormones such as TSH, FSH and HCG. LH level is used for predicating ovulation in women to increase the chance of insemination.</p> <p>ARG30058 Luteinizing Hormone ELISA Duos, includes a capture antibody, ARG10177 LH antibody [LH-1] and a HRP-conjugated tracer antibody, ARG10178 LH antibody [LH-2] (HRP), for studying the luteinizing hormone (LH) protein expression level by ELISA.</p>
Target Name	Luteinizing Hormone
Alternate Names	Luteinizing Hormone ELISA antibody; LH / Luteinizing Hormone antibody; HRP-conjugated LH antibody

Properties

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name	ELISA Antibody Duo for Luteinizing Hormone
Research Area	Cancer antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody