

## ARG30059 Human Chorionic Gonadotropin ELISA Antibody Duo

Package: 1 pair  
Store at: -20°C

### Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG10179	anti-hCG alpha antibody [HCG-1]	Mouse mAb	Hu	ELISA, RIA	100 µg
ARG10180	anti-hCG beta antibody [HCG-2] (HRP)	Mouse mAb	Hu	ELISA	100 µl

### Summary

Product Description	Human chorionic gonadotropin (hCG) is a glycoprotein hormone produced by placenta after conception. hCG is comprised of an $\alpha$ subunit with 92 amino acids and a $\beta$ subunit with 245 amino acids. The $\alpha$ subunit is identical to that of LH (Luteinizing hormone), FSH (Follicle stimulating hormone) and TSH (Thyroid stimulating hormone). hCG sustains corpus luteum, stimulates progesterone secretion, hence is critical to early fetal development. It has also been reported that hCG plays a role in the development of fetal tolerance to maternal immunity. hCG is the most sensitive biomarker for pregnancy. ARG30059 Human Chorionic Gonadotropin ELISA Duos, includes a capture antibody, ARG10179 hCG antibody [HCG-1] and a HRP-conjugated tracer antibody, ARG10180 hCG antibody [HCG-2] (HRP), for studying Human chorionic gonadotropin (hCG) protein expression level by ELISA.
Target Name	hCG
Alternate Names	Human Chorionic Gonadotropin ELISA antibody; hCG alpha antibody; HRP-conjugated hCG beta 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	Human Chorionic Gonadotropin (hCG) ELISA Antibody Duo
Research Area	Cancer antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody