



## Specification Sheet

Antibody against Human Chorionic Gonadotropin (HCG) ( $\alpha$ -subunit)		
Product Name		HCG $\alpha$ mAb-coating
Catalog Number		A01-Ab2
Lot Number		
Description		Monoclonal antibody to Human Chorionic Gonadotropin (HCG) $\alpha$ subunit
Product Profile	Specificity	Specific for HCG $\alpha$ subunit, Negative for HCG $\beta$ subunit of HCG, LH, TSH, FSH.
	Format	Liquid
	Buffer	50 mM NaCl, 20 mM PBS pH 7.4, with 0.1% NaN <sub>3</sub>
	Source/Clone	Mouse ascites / Monoclonal
	Subclass	IgG1
	Purification	Ion-exchange chromatography purified
	Concentration	
	Purity	>95%
	Other	
Application		Suitable for use in ELISA or Lateral flow immunoassay (double antibody test for HCG detection). Other applications have not been tested but use in such assays should not be excluded.
Performance review		<ul style="list-style-type: none"><li>• Great relationship of activity and HCG concentration at critic HCG level of 5 -100 mIU/ml.</li><li>• Excellent for HCG ultra sensitivity test required for cut-off concentration at 10 mIU/ml or lower.</li><li>• No cross reaction with LH, TSH, FSH</li><li>• Recommended pair for double antibody immunoassay: Coating: A01-Ab2; Labeling: A01-Ab1</li></ul>
Store at		2-8°C. For long-term storage, freeze at -20°C.
Precautions and Disclaimer		This product contains NaN <sub>3</sub> , which has been classified as Harmful, in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent NaN <sub>3</sub> build-up in drains.
Note		Centrifuge before opening to ensure complete recovery of vial contents
FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY, NOT FOR USE IN DIAGNOSTIC PRODEDURES		