



## Specification Sheet

Antibody against Human Chorionic Gonadotropin (HCG) ( $\alpha$ -subunit)		
Product Name	HCG S/U mAb4-coating	
Catalog Number	A01-Ab4	
Lot Number		
Description	Monoclonal antibody to Human Chorionic Gonadotropin (HCG) $\alpha$ subunit	
Product Profile	Specificity	Specific for HCG $\alpha$ subunit, Negative for $\beta$ subunit of HCG, LH, TSH, FSH.
	Format	Purified / 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 purified
	Concentration	
	Purity	>95%
Affinity constant	Not determined	
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 <del>should not be excluded</del> .	
Performance review	<ul style="list-style-type: none"> <li>Great for use in HCG serum/urine combo test.</li> </ul> Recommended pair for double antibody immunoassay: Coating: A01-Ab4; Labeling: A01-Ab3	
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 <del>to prevent NaN<sub>3</sub> build up in drains</del> .	
Note	Centrifuge before opening to ensure complete recovery of vial contents	
FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY, NOT FOR USE IN DIAGNOSTIC PROCEDURES		