



## Specification Sheet

Antibody against Luteinizing Hormone ( $\beta$ -subunit)		
Product Name	LH- $\beta$ mAb-Labeling	
Catalog Number	A02-Ab1	
Lot Number		
Description	Monoclonal antibody to LH $\beta$ subunit	
Product Profile	Specificity	Specific for LH $\beta$ subunit, Negative for $\alpha$ subunit of LH, HCG, and for both $\alpha$ and $\beta$ subunit of 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 LH 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>Excellent for LH test at required cut-off concentration of 30 mIU/ml or lower.</li> <li>No cross reaction with TSH and FSH</li> <li>Recommended pair for double antibody immunoassay: Coating: A02-Ab2; labeling: A02-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	
<b>FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY, NOT FOR USE IN DIAGNOSTIC PROCEDURES</b>		