PRODUCT SPECIFICATION

catalog number: A18081

product description: Alpha hCG Monoclonal Antibody, Purified

lot number: [lot specific]

immunogen: Purified hCG

source: Murine ascites

form: Liquid

purification method: DEAE chromatography

purity: >95% by HPLC and SDS-PAGE

buffer: 0.015 M potassium phosphate buffer, 0.85% NaCl, pH 7.2

preservative: 0.05% NaN3

isotype: IgG1, kappa

concentration: [lot specific] mg/mL (based on A280nm = 14.0)

cross-reactivity:

- alpha-hCG 100%  
- hCG 80%  
- beta-hCG 0.0%  
- LH 48%  
- TSH 65%  
- TSH 98%

pairing: This antibody can be paired with hCG monoclonals A35201, A35202 and A35203.

storage: 2-8°C short term (2 years); -20°C long term avoiding multiple freeze thaw cycles.

hazard/biohazard: This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product.