PRODUCT SPECIFICATION

catalog number: A14050

product description: hCG Monoclonal Antibody, Purified

lot number: [lot specific]

immunogen: Human alpha subunit of hCG

form: Liquid

purification method: Chromatographically purified Ig fraction

buffer: 0.05M PBS, pH 7.4

preservative: 0.1% NaN₃

isotype: IgG

concentration: [lot specific] mg/mL (A₂₈₀)

affinity constant: 4 x 10¹⁰

cross-reactivity:

When paired with anti-hCG, A35050:
- hCG: 100%  •  βhCG: <1%  •  LH: <2%  •  FSH: <1%  •  TSH: <1%

When paired with anti-FSH, A18090:
- FSH: 100%  •  βhCG: <1%  •  LH: <4%  •  hCG: **%  •  TSH: <1%

**3,000 mIU/mL hCG causes 4.5% decrease in observed FSH. At higher concentrations of hCG, observed FSH reduced to zero.

When paired with anti-LH, A20150:
- LH: 100%  •  hCG: 57%  •  βhCG: <1%  •  FSH: <1%  •  TSH: <1%

expiration date: [lot specific]

storage: 2-8°C

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