



## PRODUCT SPECIFICATION

catalog number:	<b>A14050</b>
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% NaN <sub>3</sub>
isotype:	IgG
concentration:	[lot specific] mg/mL (A <sub>280</sub> )
affinity constant:	4 x 10 <sup>10</sup>
cross-reactivity:	<p>When paired with anti-hCG, A35050:</p> <ul style="list-style-type: none"><li>▪ ihCG: 100%   ▪ βhCG: &lt;1%   ▪ LH: &lt;2%   ▪ FSH: &lt;1%   ▪ TSH: &lt;1%</li></ul> <p>When paired with anti-FSH, A18090:</p> <ul style="list-style-type: none"><li>▪ FSH: 100%   ▪ βhCG: &lt;1%   ▪ LH: &lt;4%   ▪ ihCG: **%   ▪ TSH: &lt;1%</li></ul> <p>**3,000 mIU/mL hCG causes 4.5% decrease in observed FSH. At higher concentrations of hCG, observed FSH reduced to zero.</p> <p>When paired with anti-LH, A20150:</p> <ul style="list-style-type: none"><li>▪ LH: 100%   ▪ ihCG: 57%   ▪ βhCG: &lt;1%   ▪ FSH: &lt;1%   ▪ TSH: &lt;1%</li></ul>
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.