



PRODUCT SPECIFICATION

catalog number:	A45510
product description:	Total Prostate Specific Antigen (PSA) Monoclonal Antibody, Purified
lot number:	[lot specific]
immunogen:	Human PSA
source:	Murine
form:	Liquid
purification method:	DEAE chromatography purified IgG fraction
buffer:	0.015M KPO ₄ , 0.85% NaCl, pH 7.4
preservative:	0.1% NaN ₃
isotype:	IgG ₁
concentration:	[lot specific] mg/mL (A _{280nm})
affinity constant:	6 x 10 ⁹ L/mol
cross-reactivity:	This antibody shows no cross reactivity with Human Albumin, AFP, CEA, PAP, CA 125, CA 19-9, or CA 15-3.
pairing:	This antibody can be used in sandwich ELISA as the conjugate antibody in conjunction with Free PSA MAb A45500 (as the capture antibody) for an immunoassay for Free PSA.
storage:	2-8°C; do not freeze.
hazard/biohazard:	This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product.