

## Product datasheet for **AM05052HR-N**

### Prostate Specific Antigen (KLK3) (Total) Mouse Monoclonal Antibody [Clone ID: 906]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	906
Applications:	ELISA
Recommended Dilution:	<b>ELISA:</b> > 1/1,000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human PSA
Specificity:	This antibody recognizes Prostate Specific Antigen. No cross reactivity with Human Albumin, AFP, CEA, PAP, CA-125, CA 19-9 or CA 15-3.
Formulation:	0.05M Potassium phosphate, 0.085% Sodium Chloride, pH 7.2 Label: HRP State: Liquid purified IgG fraction (>95% pure) Stabilizer: BSA Preservative: Proclin Label: Horseradish Peroxidase
Concentration:	lot specific
Purification:	S-300 Column Chromatography
Conjugation:	HRP
Storage:	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.
Gene Name:	kallikrein related peptidase 3
Database Link:	<a href="#">Entrez Gene 354 Human P07288</a>



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<b>Background:</b>	PSA is a tumor-associated antigen with a molecular weight of 34 kDa. The antigen is found in normal prostatic epithelial lining cells of the ducts and acini, as well as in primary and metastatic prostate carcinoma cells. PSA reactivity may also be found in BPH (benign prostatic hypertrophy), though the pattern of staining is different than that found in carcinoma tissues. The staining pattern ranges from cytoplasmic and secretory in normal and benign prostate to cytoplasmic with membrane in neoplastic prostate.
<b>Synonyms:</b>	Prostate-specific antigen, Semenogelase, Gamma-seminoprotein, P-30 antigen
<b>Note:</b>	Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.