

## Prostate Specific Antigen (PSA)

IN VITRO DIAGNOSTIC DATASHEET

**INTENDED USE :** IN VITRO DIAGNOSTIC USE

This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. It is Rabbit Monoclonal.

**DESCRIPTION :** Prostate-specific antigen (PSA) is a single-chain glycoprotein of 237 amino acids containing approximately 8% carbohydrate. It is a serine protease produced almost exclusively by prostatic epithelial cells. Immunohistochemically PSA is expressed in the highly specialized apically-superficial layer of female and male secretory cells of the prostate gland and is readily demonstrated in adenocarcinomas of the prostate in about 99% of the cases.

<b>CATALOG NO :</b> PL2104	PL2104-R7	7 ML RTU 70 TEST
	PL2104-R1	1 ML RTU 10 TEST
<b>STAINING PATTERN :</b> Cytoplasmic	PL2104-1	1 ML 1/100 1000 TEST
	PL2104-0,1	0,1 ML 1/100 100 TEST
<b>POSITIVE CONTROL :</b> Prostate		

**VOLUME :** 7 ml Ready to Use ( 7 ml of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide. )

**HOST :** Rabbit Monoclonal

**CLONE :** ZR232

**ANTIBODY CONCENTRATION :** Not known

**SPECIES REACTIVITY :** Human. Others-not known.

**EPITOPE :** Not determined

**MICROBIOLOGICAL STATE :** This product is not sterile.

**PRETREATMENT :** Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at room temperature for 20 min.

**PRIMARY ANTIBODY INCUBATION TIME :** 60 minutes at Room Temperature

**STAINING TIPS :** If the staining is too light, use lower dilution or longer time. If the staining is too strong, check pretreatment, use higher dilution or shorter time.

**STORAGE AND STABILITY :** This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

**TROUBLESHOOTING :** Please contact Patolab Technical Support by e-mail ( patolab@patolab.com.tr ).