Datasheet: 7820-0604

**Description:** NATIVE HUMAN PROSTATE SPECIFIC ANTIGEN

**Name:** PROSTATE SPECIFIC ANTIGEN

**Other names:** KALLIKREIN 3

**Format:** Purified

**Product Type:** Purified Protein

**Quantity:** 0.2 mg

**Applications**

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

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<tr>
<th>Suggested Dilution</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
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<td>ELISA</td>
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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

**Target Species**

Human

**Product Form**

Purified protein from human seminal fluid - liquid

**Preparation**

Sterile filtered through a 0.2 µM membrane

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

<0.1% Sodium Azide (NaN₃)

**Approx. Protein Concentrations**

1.0 mg/ml

**External Database Links**

**UniProt:**

- [P07288](https://www.uniprot.org/uniprot/P07288)

**Entrez Gene:**

Synonyms

Native Human prostate specific antigen preparation is a purified form of human prostate-specific antigen (PSA), a glycoprotein of ~30 kDa found mainly in prostatic tissue and seminal fluid. PSA is also present in small quantities in the serum of normal men and is often elevated in the presence of prostate cancer and in other prostatic disorders.

Native Human prostate specific antigen demonstrates high specific activity and low levels of any contaminating proteins, including those with trypsin-like protease activity (Manning et al. 2012).

Protein Molecular Weight

30 kDa

Purity

>40% by SDS-PAGE

References


Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the protein. Storage in frost-free freezers is not recommended.

 Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10258 available at: https://www.bio-rad-antibodies.com/SDS/7820-0604 10258
Donor material tested and found negative for HIV1 and 2 antibodies, HBsAg and HCV antibodies.

As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious.

Regulatory

For research purposes only

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