

Datasheet: 6220-1004

BATCH NUMBER 159739

| | |
|----------------------|------------------------------------|
| Description: | NATIVE HUMAN ALPHA 1 MICROGLOBULIN |
| Name: | ALPHA 1 MICROGLOBULIN |
| Other names: | AMBP |
| Format: | Purified |
| Product Type: | Purified Protein |
| Quantity: | 1 mg |

Product Details

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.

| | Yes | No | Not Determined | Suggested Dilution |
|-------|-----|----|----------------|--------------------|
| ELISA | ▪ | | | |

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 the urine of patients with chronic renal tubular proteinuria - lyophilised |
| Reconstitution | Reconstitute with 1.0ml sterile phosphate buffered saline (PBS). Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. |
| Buffer Solution | Ammonium bicarbonate |
| Preservative Stabilisers | None present |
| Approx. Protein Concentrations | Total protein concentration 1.0mg/ml after reconstitution. |
| External Database Links | UniProt: |

[P02760](#) [Related reagents](#)

Entrez Gene:

[259](#) AMBP [Related reagents](#)

Synonyms HCP, ITIL

Product Information **Native Human alpha 1 microglobulin** is native human Alpha-1-Microglobulin, a secreted peptide thought to play a role in the regulation of inflammatory processes.

This product runs at approximately 27 kDa under reducing conditions and as a dimer at approximately 54 kDa under non-reducing conditions.

Purity >96% by SDS PAGE

References 1. Weyer, K. *et al.* (2013) Renal uptake of 99mTc-dimercaptosuccinic acid is dependent on normal proximal tubule receptor-mediated endocytosis. [J Nucl Med. 54 \(1\): 159-65.](#)

Storage Prior to reconstitution store at +4°C.
After reconstitution store at -20°C.
Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee Guaranteed until date of expiry. Please see product label.

Health And Safety Information Material Safety Datasheet documentation #10517 available at:
<https://www.bio-rad-antibodies.com/SDS/6220-1004>
10517

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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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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