

Datasheet: 6220-1004

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	<p>UniProt: P02760 Related reagents</p> <p>Entrez Gene: 259 AMBP Related reagents</p>
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.

Shelf Life 12 months from date of reconstitution.

Health And Safety Information Material Safety Datasheet documentation available at:
Material Safety Datasheet documentation #10517 available at
<https://www.bio-rad-antibodies.com/uploads/MSDS/10517.pdf>

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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