

Datasheet: 6220-1004

BATCH NUMBER 174590

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 - lyophilized
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.
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. <i>et al.</i> (2013) Renal uptake of 99mTc-dimercaptosuccinic acid is dependent on normal proximal tubule receptor-mediated endocytosis. J Nucl Med. 54 (1): 159-65.
Storage	This product is shipped at ambient temperature. 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 #10268 available at: https://www.bio-rad-antibodies.com/SDS/6220-1004 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

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M438881:250523'

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