

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	UniProt: P02760 Related reagents

Entrez Gene:

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

Synonyms	HCP, ITIL
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Product Information	<p>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.</p> <p>This product runs at approximately 27 kDa under reducing conditions and as a dimer at approximately 54 kDa under non-reducing conditions.</p>
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Purity	>96% by SDS PAGE
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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.
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Storage	<p>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.</p>
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Guarantee	Guaranteed until date of expiry. Please see product label.
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Health And Safety Information	<p>Material Safety Datasheet documentation #10517 available at: 10517: https://www.bio-rad-antibodies.com/uploads/MSDS/10517.pdf</p> <p>Donor material tested and found negative for HIV1 and 2 antibodies, HBsAg and HCV antibodies.</p> <p>As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious</p>
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Regulatory	For research purposes only
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