

Datasheet: PBP012

Description:	NATIVE BOVINE CARBONIC ANHYDRASE
Name:	CARBONIC ANHYDRASE
Format:	Purified
Product Type:	Purified Protein
Quantity:	250 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 appropriate negative/positive controls.

Target Species	Bovine
Product Form	Purified protein from bovine erythrocytes - liquid
Preparation	0.75g protein/g (1 unit as described above is equivalent to approximately 2000 Wilbur Anderson units [J. Biol. Chem. (1948) 176:147])
Preservative Stabilisers	None present
Approx. Protein Concentrations	Total protein concentration 200mg/ml.
External Database Links	<p>UniProt: P00921 Related reagents</p> <p>Entrez Gene: 280740 CA2 Related reagents</p>

Product Information **Native Bovine Carbonic Anhydrase** is a zinc-containing enzyme that acts as a catalyst in the conversion of carbon dioxide to bicarbonate.

Protein Molecular Weight	30 kDa
Activity	700 U/g 1 unit hydrolyses 1 µmole of p-nitrophenyl acetate per minute at pH 7.6 / 25°C
Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10078 available at: 10078: https://www.bio-rad-antibodies.com/uploads/MSDS/10078.pdf
Regulatory	For research purposes only

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Printed on 09 Feb 2021