

Datasheet: 4430-2204

**BATCH NUMBER 164557**

<b>Description:</b>	NATIVE BOVINE FETUIN
<b>Name:</b>	FETUIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Antigen
<b>Quantity:</b>	1 g

## 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](http://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.

<b>Target Species</b>	Bovine
<b>Product Form</b>	Purified bovine fetuin from fetal calf serum - lyophilized
<b>Reconstitution</b>	Use sterile distilled water to give a solution of 1.0 mg/ml
<b>Preservative Stabilisers</b>	None present

### External Database Links

#### UniProt:

[P12763](#)

[Related reagents](#)

[Q58D62](#)

[Related reagents](#)

#### Entrez Gene:

[280988](#)

AHSG

[Related reagents](#)

[504615](#)

FETUB

[Related reagents](#)

<b>Synonyms</b>	FETUA
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<b>Product Information</b>	Fetuin, a glycoprotein present in serum, is synthesized by hepatocytes and is an important inhibitor of soft tissue calcification. It is frequently used as a tissue culture medium supplement contributing to the attachment and spreading of cells. Fetuin is a member of the cystatin superfamily of proteins.
<b>Protein Molecular Weight</b>	48.4 kDa
<b>Purity</b>	Protein content: $\geq 80\%$ Total impurities: $\leq 0.3\%$ Free N-acetyl-neuraminic acid
<b>References</b>	1. Dziegielewska, K. M. <i>et al.</i> (1990) The complete cDNA and amino acid sequence of bovine fetuin. Its homology with alpha 2HS glycoprotein and relation to other members of the cystatin superfamily. <a href="#">J. Biol. Chem. 265: 4354 - 4357.</a>
<b>Storage</b>	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.
<b>Guarantee</b>	6 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10286 available at: <a href="https://www.bio-rad-antibodies.com/SDS/4430-2204">https://www.bio-rad-antibodies.com/SDS/4430-2204</a>
<b>Regulatory</b>	For research purposes only

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://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](http://bio-rad-antibodies.com/datasheets)  
'M363103:200528'

**Printed on 20 Jun 2025**