

## Datasheet: 0480-0404P

<b>Description:</b>	SHEEP ANTI HUMAN AMYLASE (SALIVARY):HRP
<b>Specificity:</b>	AMYLASE (SALIVARY)
<b>Format:</b>	HRP
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## 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
Flow Cytometry			▪	
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA	▪			1/50 - 1/500
Immunoprecipitation			▪	
Western Blotting			▪	

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

Human

### Species Cross Reactivity

Reacts with: Pig

Based on sequence similarity, is expected to react with:Fungal

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

### Antiserum Preparation

Antiserum to human salivary amylase was raised by repeated immunisation of sheep with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.01% Thiomersal
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml
<b>Immunogen</b>	Highly pure human salivary amylase.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P04745</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">278</a>    AMY1C    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	AMY1
<b>RRID</b>	AB_2226826
<b>Specificity</b>	<p><b>Sheep anti Human amylase (salivary) antibody</b> recognizes salivary amylase, formally known as ptyalin, an alpha-amylase digestive enzyme and member of the glycosyl hydrolase 13 family, which breaks down insoluble starch into soluble starches (dextrins) and maltose.</p> <p>Sheep anti Human Amylase (Salivary) antibody also recognizes porcine amylase (50%) and weakly fungal (<i>Aspergillus</i> spp.) amylase (10%).</p>
<b>References</b>	1. Bachman, D.E. <i>et al.</i> (2015) Prospective diagnostic accuracy evaluation and clinical utilization of a modified assay for platelet-associated immunoglobulin in thrombocytopenic and nonthrombocytopenic dogs. <a href="#">Vet Clin Pathol. Aug 24. [Epub ahead of print]</a>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10094 available at: <a href="https://www.bio-rad-antibodies.com/SDS/0480-0404P">https://www.bio-rad-antibodies.com/SDS/0480-0404P</a> 10094
<b>Regulatory</b>	For research purposes only

## Related Products

## Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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