

## 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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Fungal, Pig <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
<b>Antiserum Preparation</b>	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.

**External Database  
Links**

**UniProt:**  
[P04745](#)   [Related reagents](#)

**Entrez Gene:**  
[278](#)   AMY1C   [Related reagents](#)

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**Synonyms**      AMY1

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**Specificity**      **Sheep anti Human amylase (salivary) antibody** 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.

Sheep anti Human Amylase (Salivary) antibody also recognizes porcine amylase (50%) and weakly fungal (*Aspergillus* spp.) amylase (10%).

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**References**      1. Bachman, D.E. *et al.* (2015) Prospective diagnostic accuracy evaluation and clinical utilization of a modified assay for platelet-associated immunoglobulin in thrombocytopenic and nonthrombocytopenic dogs. [Vet Clin Pathol. Aug 24. \[Epub ahead of print\]](#)

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**Storage**      Store at +4°C or at -20°C if preferred.  
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.

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**Shelf Life**      18 months from date of despatch.

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**Health And Safety  
Information**      Material Safety Datasheet Documentation #10094 available at:  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10094.pdf>

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**Regulatory**      For research purposes only

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## Related Products

### Recommended Useful Reagents

[HISTAR DETECTION SYSTEM \(STAR3000B\)](#)  
[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)  
[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)  
[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)  
[TMB CORE \(BUF056A\)](#)  
[TMB CORE PRESTAINED \(BUF057A\)](#)  
[TMB CORE+ \(BUF062A\)](#)  
[TMB SIGNAL+ \(BUF054A\)](#)

**North & South  
America**      Tel: +1 800 265 7376  
Fax: +1 919 878 3751  
Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**      Tel: +44 (0)1865 852 700  
Fax: +44 (0)1865 852 739  
Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**      Tel: +49 (0) 89 8090 95 21  
Fax: +49 (0) 89 8090 95 50  
Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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