

Datasheet: PHP133

BATCH NUMBER 160679

Description:	PURIFIED HUMAN SECRETORY IgA
Name:	IgA (SECRETORY)
Format:	Purified
Product Type:	Purified Protein
Quantity:	0.5 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	Human
Product Form	Purified IgA - liquid
Preparation	Purified human secretory IgA prepared by size-exclusion and ion exchange chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	1.0 mg/ml

External Database Links

UniProt:

[P01876](#) [Related reagents](#)

[P01877](#) [Related reagents](#)

Entrez Gene:

[3493](#) IGHA1 [Related reagents](#)

[3494](#) IGHA2 [Related reagents](#)

RRID AB_605423

Product Information **Purified Human Secretory IgA** is derived from human colostrum and is predominately in dimeric form, the monomers being linked by immunoglobulin J chain.

References

1. Bidgood, S.R. *et al.* (2014) Translocalized IgA mediates neutralization and stimulates innate immunity inside infected cells. [Proc Natl Acad Sci U S A. 111 \(37\): 13463-8.](#)
2. Herrera, D. *et al.* (2013) Rotavirus specific plasma secretory immunoglobulin in children with acute gastroenteritis and children vaccinated with an attenuated human rotavirus vaccine. [Hum Vaccin Immunother. 9 \(11\): 2409-17.](#)
3. Zhang, J. *et al.* (2021) Role of Human Mesangial-Tubular Crosstalk in Secretory IgA-Induced IgA Nephropathy. [Kidney Blood Press Res. : Apr 161-12.](#)

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 #10162 available at:
<https://www.bio-rad-antibodies.com/SDS/PHP133>
10162

Regulatory For research purposes only

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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://www.bio-rad-antibodies.com/datasheets)

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