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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet for D204-00-0100**Goat Serum (non-sterile)****Overview**

Description:	Goat Serum (Non-Sterile) - D204-00-0100
Item No.:	D204-00-0100
Size:	100 mL
Applications:	IF, Other
Origin:	Goat

Product Details

Background:	Normal Goat Serum can be used as a blocking agent to treat plastic surfaces, membrane or tissue after they have been sensitized with primary antibody or antigen. It provides an alternative to bovine serum albumin (BSA) and non-fat dry milk. It is effective in reducing nonspecific binding of proteins to reaction surfaces, thereby maximizing signal-to-noise ratio. This blocking agent is recommended for use in immunoassays where the primary antibody was produced in goat, as a source of non-specific serum protein or on tissue for immunohistochemical applications. Normal Goat Serum is used as a component of bioassays, immunoassays or enzyme assays. Normal Goat Serum provides a broad spectrum of macromolecules, carrier proteins for lipid substances and trace elements, attachment and spreading factors, low molecular weight nutrients, and hormones and growth factors that promote cell growth and health. Normal Goat Serum is also available as a sterile preparation for use as a cell culture supplement. Normal Goat Serum is ideal for investigators in Cancer, Immunology and Cell Biology research.
Synonyms:	normal goat serum, NGS, blocking serum, goat serum for bioassay, control goat serum, non-sterile serum from goat, non-sterile goat serum
Species of Origin:	Goat

Target Details

Purity/Specificity:	Goat serum was obtained from healthy non-immunized goats.
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Application Details

Suggested Applications:	IF, Other (Based on references)
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Application Note:	pH: normal
	Immunoelectrophoresis: normal
	Hemoglobin: normal
	IgG Concentration: normal

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA:	User Optimized
FC:	User Optimized
FLISA:	User Optimized
IF:	User Optimized
IHC:	User Optimized
IP:	User Optimized
WB:	User Optimized

Tissue Data

Tissue Type:	Serum
Sex:	Mixed
Strain:	Goat - Mixed

Formulation

Physical State:	Liquid
Concentration:	125mg/ml by Refractometry
Buffer:	None
Sterility:	Non-sterile
Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
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Storage Condition: Store container at -20° C prior to opening. Avoid cycles of freezing and thawing.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Bottle

Normal Goat Serum can be used as a blocking agent to treat plastic surfaces, membrane or tissue after they have been sensitized with primary antibody or antigen. It provides an alternative to bovine serum albumin (BSA) and non-fat dry milk. It is effective in reducing nonspecific binding of proteins to reaction surfaces, thereby maximizing signal-to-noise ratio. This blocking agent is recommended for use in immunoassays where the primary antibody was produced in goat, as a source of non-specific serum protein or on tissue for immunohistochemical applications.

References

- Nnah IC et al. TFEB-driven endocytosis coordinates MTORC1 signaling and autophagy. *Autophagy*. (2019)
- Kohno, D et al. Sweet Taste Receptor Serves to Activate Glucose- and Leptin-Responsive Neurons in the Hypothalamic Arcuate Nucleus and Participates in Glucose Responsiveness. *Frontiers in Neuroscience* (2016)
- Guo, L et al. Use of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes (hiPSC-CMs) to Monitor Compound Effects on Cardiac Myocyte Signaling Pathways. *Current Protocols in Chemical Biology* (2015)

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.