

ORDERING INFORMATION

CAT. NO.	SIZE	PACKAGE CONTENT
AP9000201	1 L	PBS (10X), Phosphate Buffer Saline

STORAGE Store at room temperature

SHIPMENT Protect from moisture

DESCRIPTION

This product is filtered through a 0.1 μm filter into its sterile packaging. It is free of nucleases and proteases, and has been analyzed bioburden limit with specification of <1 cfu/mL. Therefore, this product is suitable for proteomic, immunohistochemical application and applied in cell cultivation system.

PBS (10X), Phosphate Buffer Saline

SPECIFICATIONS

PRODUCT	Phosphate Buffer Saline (PBS), 10x
GRADE	Ultra Pure
MOLECULAR WEIGHT	Not Applicable
APPEARANCE	Clear and Colorless
pH (@ 25°C, 10% IN WATER)	7.3 – 7.5
CONDUCTIVITY (@ 25°C, 10% IN WATER)	14,000 – 18,000 umhos
DNase	None
RNase	None
PROTEASE	None
ENDOTOXIN LEVEL (10% IN WATER)	<0.125 EU/mL
BIOBURDEN	<1 cfu/mL
TOTAL HEAVY METAL	<1 ppm

STEPS BEFORE STARTING

- Store at room temperature.
- Protect from moisture.

PRECAUTION

This product is for research use only, not for use in diagnostic procedure, or other uses. Please read the Material Safety Data Sheet (MSDS) and follow the handling instructions.

QUALITY CONTROL

DNase activity

A sample is incubated with DNase probe and analyzed by spectrophotometry.

RNase activity

A sample is incubated with RNase probe and analyzed by spectrophotometry.

Protease activity

A sample is incubated with labeled casein and analyzed by spectrophotometry.

Endotoxin level

This assay is based on Limulus Amoebocyte Lysate test (LAL test) that exploits the action of this enzyme, by adding LAL reagent to the tested product, and assaying for clot formation.

Bioburden testing

A sample is filtered through membrane. That membrane is incubated on agar medium and determined as colony-forming units.

Total heavy metal

This testing is based on colorimetric method.

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USEFUL HINTS

- Visit Support at www.apsalagen.com for product selection guides.
- Visit Applications at www.apsalagen.com for more nucleic acid purification and analysis products.
- Visit OEM at www.apsalagen.com for custom product formulations and bulk amounts.

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Legal Disclaimer and Product Use Limitation

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