

10X Wash Buffer

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
10X Wash Buffer	DS0230-100ML	100 ml
	DS0230-500ML	500 ml

Introduction: 10X Wash Buffer was developed as a high-performance washing solution for use in all ELISA formats. This wash Buffer is formulated with optimized pH stabilizers, salts and detergents which increases the efficiency of washing stages during ELISA, leading to a reduction in background noise and an increased specific signal. This buffer is compatible with all routinely used conjugate components such as HRP, Avidin and Alkaline Phosphatase.

Description: HiMedia's 10X Wash Buffer is used to rinse microtiter plates during the coating process and between reagent addition steps of an ELISA at 1X concentration. The standardized formulation of this buffer effectively removes excess material from the microtiter plate wells without disrupting the ELISA binding reaction. By maintaining the proper buffering environment, unbound assay components can be washed away without suppressing antigen-antibody binding interactions, thereby reducing nonspecific background noise and increasing the specific signal.

Concentration: The Wash Buffer is supplied as a 10X Concentrate. It should be diluted to 1X prior to use.

Protocol:

1. Dilute 10X Wash Buffer, by adding 1-part 10X Wash Buffer to 9 parts deionized water (Recommended Product Code: ML064) and mix for approximately 15 minutes. 10X Wash Buffer supplied is concentrated, so crystalline precipitates may form in the bottle, especially when refrigerated. If this happens, gently warm or mix the buffer until all crystals are dissolved. Do not let it boil.
2. Completely fill the wells of ELISA plate with 1X wash buffer (about $\approx 400 \mu\text{L}/\text{well}$).
3. We recommend 2-3 washes after the coating step before adding the blocking buffer and 3-4 washes after the sample incubation and after the conjugate incubation.
4. After the final dump or aspiration, pound the plate on paper towels to remove any excess liquid.

Storage conditions

10X Wash Buffer has to be stored at 2-8°C.

Warning and Precautions

Not for Medicinal Use. Read the SDS carefully before beginning the protocol. Wear protective gloves/protective clothing/eye protection/face protection. Follow good clinical laboratory practices while handling clinical samples. Standard precautions should be followed as per established guidelines. Safety guidelines may be referred in safety data sheets of the product.

Please refer disclaimer Overleaf.

Limitations

The data obtained in ELISA assay depends upon the type of analyte under study.

Performance and Evaluation

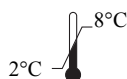
Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

Safety Information

The 1X PBS Solution is for laboratory use only, not for drug, household or other uses. Take appropriate laboratory safety measures and wear gloves and safety goggles when handling. Not compatible with disinfecting agents containing bleach. Please refer the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices.

Technical Assistance

At HiMedia we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at mb@himedialabs.com.



Storage temperature



Do not use if package is damaged



HiMedia Laboratories Private Limited,
Reg. Off: Plot No. C-40, Road No. 21Y,
MIDC, Wagle Industrial Area, Thane,
(West) 400604, Maharashtra, INDIA.
Web: www.himedialabs.com



11/2025

PIDS0230_0/1122

DS0230-01

Disclaimer :

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.

HiMedia Laboratories Pvt. Ltd. Reg. office : Plot No. C-40, Road No. 21Y, MIDC, Wagle Industrial Area, Thane, (West) 400604, Maharashtra, INDIA.
Customer Care No.: 00-91-22-6116 9797 Tel: 00-91-22-6147 1919, 6903 4800 Email: techhelp@himedialabs.com Website: www.himedialabs.com