

Blocking Buffer (10% BSA in 1XPBS)

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
Blocking Buffer	ML183-100ML	100 ml
(10% BSA in 1XPBS)	ML183-500ML	500 ml

Introduction:

Blocking buffer (10% BSA in 1X PBS) is made of high-quality BSA that is useful for saturating excess protein-binding sites on membranes and microplates in immunoassays. The Blocking Buffer (10%) should be diluted up to 1% working concentration prior to use with 1X phosphate-buffered saline. A good blocking buffer for a specific experiment will bind to all potential sites of nonspecific interaction, eliminating background without altering or obscuring the epitope for antibody binding.

Description:

The blocking buffer should improve the sensitivity of the assay by reducing background interference and improving the signal-to-noise ratio. Blocking Buffer (10% BSA in 1X PBS) is a ready-to-use solution which can be used for blocking steps in Western blot, ELISA, IHC and nucleic acid detection methods.

Application:

Blocking Buffer with BSA is usually more effective than nonfat milk blocking buffers for biotin-avidin systems because it contains a single purified protein that is devoid endogenous biotin. The purpose of the blocking step in an assay is to improve assay sensitivity by reducing background interference.

Procedure for Blocking:

1. Dilute 10% BSA Blocking Buffer to 1% with 1X PBS (Product Code: ML116)
2. Add the blocking solution to the microplate well, blotting membrane or immunohistochemical slide.
3. Incubate for 30 minutes to 2 hours at room temperature or at 37°C.
4. Continue protocol as per your specific application.

Note: The reagent is filter sterilized and should be open under aseptic conditions.

Properties:

Appearance : Colorless to pale yellow solution

Please refer disclaimer Overleaf.

Clarity : Clear and free of particles
pH : 7.3 - 7.5
DNase & RNase : None detected
Suitability test : This solution has been tested and is suitable for use

Storage conditions:

Blocking buffer (10% BSA in 1X PBS) has to be stored at 2-8°C). Under recommended condition, the reagent is stable for 6 months.

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.

Performance and Evaluation

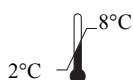
Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

Safety Information

The Blocking buffer (10% BSA in 1X PBS) 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



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ML183-02

Disclaimer :

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