

0.5M CAPS, pH 10.5

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
0.5M CAPS, pH 10.5	ML182-100ML	100ml
	ML182-500ML	500ml

Introduction:

CAPS is the common name for N-cyclohexyl-3-aminopropanesulfonic acid, a chemical which can be used as buffering agent in biochemistry. CAPS is a zwitterionic buffer and it is useful in the range of pH 7.9-11.1

Description:

0.5M CAPS, pH 10.5 is a buffer extensively used in Molecular Biology. The high pH of this buffer makes it useful for the transfer of proteins on to membranes. CAPS buffer has very low metal-binding constants and are therefore particularly useful to investigate metal-dependent enzymes. CAPS is a highly water soluble buffering reagent with an optimum buffering pH of 10.4 and minimal reactivity with enzymes or proteins, minimal salt effects.

Application:

CAPS Buffer is widely used in Western and immunoblotting experiments as well as protein sequencing and identification. It can also be used in electrotransfer of proteins to PVDF (sc-3723) or nitrocellulose membranes

Composition:

0.5M CAPS, pH 10.5 is made from highly pure molecular biology grade CAPS (N-cyclohexyl-3-aminopropanesulfonic acid) and is ready to use.

Properties:

Appearance	: Colorless solution
Clarity	: Clear and free of particles
pH	: 10.3 – 10.7
DNase & RNase	: None detected
Sterility	: No Bacterial or Fungal growth observed after 14 days of incubation as per USP Specifications
Suitability test	: This solution has been tested and is suitable for use

Please refer disclaimer Overleaf.

Storage conditions:

0.5M CAPS, pH 10.5 has to be stored at room temperature (15-25°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

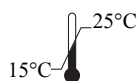
Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

Safety Information

The 0.5M CAPS, pH 10.5 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



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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