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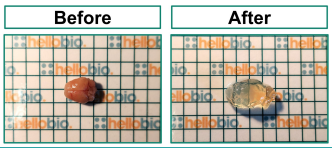
DATASHEET

Tissue Clearing Mounting and Storage Solution

Product overview

Name	Tissue Clearing Mounting and Storage Solution
Cat No	HB13925
Biological description	Solution for mounting and storing samples that have been cleared using an aqueous tissue clearing method such as using HB8771 Tissue Clearing Kit.
	Key features: • Widely compatible with most fluorophores and fluorescent proteins • Aqueous so compatible with standard microscopes and objectives • Refractive index (RI) = 1.46
Description	Mounting and storage solution for use with cleared tissue samples

Images



Biological Data

Application notes	For use with samples that have been previously cleared using an aqueous tissue clearing method.Incubation times will vary dependent upon clearing method and the size of the sample but when using HB8771 Tissue Clearing Kit to clear a mouse brain then a 2-3 day incubation works well. For more information please see our tissue clearing protocol.
	Please incubate at 37°C for 1-2 hours before use and ensure that any precipiates have redissolved.

Solubility & Handling

Storage instructions	4°C
Storage of solutions	Prepare and use solutions on the same day if possible. Store solutions at -20°C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.
Shipping Conditions	Stable for ambient temperature shipping. Follow storage instructions on receipt.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

References

Tissue Clearing and Its Application in the Musculoskeletal System.

Zhan YJ et al (2023) ACS omega 8
PubMedID 36687066

Tissue clearing and 3D imaging in developmental biology.

Vieites-Prado A et al (2021) Development (Cambridge, England) 148
PubMedID 34596666

Tutorial: practical considerations for tissue clearing and imaging.

Weiss KR et al (2021) Nature protocols 16
PubMedID 34021294