

ClonaCell™-HY PEG

Polyethylene glycol reagent for hybridoma fusion

Catalog #03806

1.5 mL



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TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713

INFO@STEMCELL.COM • TECHSUPPORT@STEMCELL.COM

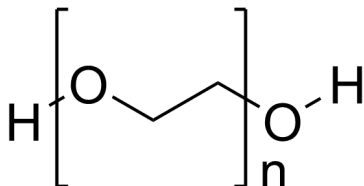
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Product Description

ClonaCell™-HY PEG is suitable for inducing cellular fusion of myeloma cells with lymphocytes to produce hybridomas. This reagent has been verified for use during mouse and rat hybridoma development and is reportedly compatible for production, cloning, and expansion of hybridomas using lymphocytes from a variety of host animals including human, mouse, rat, hamster, and rabbit.

ClonaCell™-HY PEG is supplied as a 50% (w/v) solution of PEG 3350 in Dulbecco's Modified Eagle's Medium (DMEM) with gentamicin and phenol red. The solution has been pre-tested and qualified for cell fusion.

Molecule Name:	Polyethylene glycol
Alternative Names:	PEG, PEG 3350, Poly(ethylene glycol), Poly(ethylene oxide), Poly(oxy-1,2-ethanediyl)
Chemical Name:	α -Hydro- ω -hydroxypoly(oxyethylene)
CAS Number:	25322-68-3
Chemical Formula:	$\text{H}(\text{OCH}_2\text{CH}_2)_n\text{OH}$
Molecular Weight:	3350 g/mol (average)
Structure:	



Physical Appearance:	Clear, pink solution.
Storage:	Store at 2 - 8°C.
Shelf Life:	Stable until expiry date (EXP) on label.

Please refer to the Safety Data Sheet (SDS) for hazard information.

Handling / Directions for Use

For further information, refer to the Technical Manual: ClonaCell™-HY Hybridoma Cloning Kit (Document #28411), available at www.stemcell.com or contact us to request a copy.

References

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