

STEMdiff™ Hematopoietic - EB Reagents



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Basal medium and supplements for generation of CD34⁺ hematopoietic progenitor cells for downstream lymphoid differentiation

Catalog #100-0171	120 mL
Catalog #100-0172	265 µL
Catalog #100-0173	7 mL

Product Description

STEMdiff™ Hematopoietic - EB reagents are animal component-free and enable the feeder-free generation of CD34⁺ hematopoietic progenitor cells from human pluripotent stem cells (hPSCs). The protocol uses AggreWell™400 plates (Catalog #34411/34421) to generate embryoid bodies (EBs), and the resulting hematopoietic progenitors are optimized for downstream lymphoid differentiation potential. They can be differentiated to either natural killer (NK) cells using StemSpan™ NK Cell Generation Kit (Catalog #09960) or T cells using StemSpan™ T Cell Generation Kit (Catalog #09940). STEMdiff™ NK Cell Kit (Catalog #100-0170) or STEMdiff™ T Cell Kit (Catalog #100-0194) are complete workflows containing the STEMdiff™ Hematopoietic - EB reagents and the associated StemSpan™ components.

Product Information

PRODUCT	CATALOG #	QUANTITY	STORAGE	SHELF LIFE
STEMdiff™ Hematopoietic - EB Basal Medium	100-0171	120 mL	Store at -20°C.	Stable for 12 months from date of manufacture (MFG) on label.
STEMdiff™ Hematopoietic - EB Supplement A	100-0172	265 µL	Store at -20°C.	Stable for 12 months from date of manufacture (MFG) on label.
STEMdiff™ Hematopoietic - EB Supplement B	100-0173	7 mL	Store at -20°C.	Stable for 12 months from date of manufacture (MFG) on label.

Directions for Use

For complete instructions, refer to the Technical Manual for STEMdiff™ or StemSpan™ NK Cell Kits (Document #1000007537) or STEMdiff™ or StemSpan™ T Cell Kits (Document #1000007541), available at www.stemcell.com or contact us to request a copy.

PRODUCTS ARE FOR RESEARCH USE ONLY AND NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES UNLESS OTHERWISE STATED. FOR ADDITIONAL INFORMATION ON QUALITY AT STEMCELL, REFER TO WWW.STEMCELL.COM/COMPLIANCE.

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