

STEMin1™ Xeno-free Neutralizer

Product Code: TCL209

Intended Use:

STEMin1™ Xeno-free Neutralizer is used to terminate stem cell dissociation by neutralizing the effect of StemMin1™ Dissociation Solution, cultured in serum free conditions.

Principle and Interpretation:

STEMin1™ Xeno-free Neutralizer is formulated to neutralize the activity of StemMin1™ Dissociation Solution. It forms a complex with StemMin1™ Dissociation Solution thereby inhibiting its activity.

Type of Specimen:

in vitro cultured human mesenchymal stem cells.

Warning and Precautions:

In Vitro Diagnostic Use only. Read the label before opening the container. Wear protective gloves / protective clothing /eye protection /face protection. Follow proper aseptic techniques while handling specimens and cultures. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety datasheets.

Directions

1. To neutralize the action of StemMin1™ Dissociation Solution, add StemMin1™ Xeno-free Neutralizer in an amount equal to the amount of TCL208 used for dissociation.
2. Pipette gently to get a homogenous cell suspension.
3. Centrifuge at 600rpm for 2 – 3 minutes.
4. Discard supernatant and suspend the pellet in 3ml fresh complete medium.

5. Count cells using hemocytometer.
6. Seed at recommended seeding density in a new flask coated with attachment solution and containing fresh complete medium..

Materials required but not provided:

STEMin1™ Defined, Serum-free, Xeno-free medium for expansion of human stem cells (AL520)
STEMin1™ Attachment Solution (TCL206)
STEMin1™ Dissociation Solution (TCL208)

Limitations:

Not applicable.

Quality Control:

Appearance Colorless, clear solution.

pH

7.00 -7.60

Osmolality in mOsm/Kg H₂O

270.00 -310.00

Endotoxin Content

NMT 1EU/ml

Sterility

No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.

Performance Test

Complies

Storage and shelf life:

Store at 2-8°C.

Use before expiry date given on the product label.

Disposal:

User must ensure safe disposal by autoclaving and /or incineration of used or unusable preparations of this product. Follow established laboratory procedures for disposing infectious materials. The materials that come into contact with clinical samples must be decontaminated and disposed of in accordance with current laboratory techniques ^{1,2}.

References:

1. Isenberg, H.D. Clinical Microbiology Procedures Handbook. 2nd Edition.
2. Jorgensen, J. H., Pfaller, M.A., Carroll, K.C., Funke, G. Landry, M.L., Richter, S.S and Warnock., D.W. (2015), Manual of Clinical Microbiology, 11th Edition. Vol. 1.



In vitro diagnostic medical device



CE Marking



Consult instructions for use



Do not use if package is damaged



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Single use.
Not intended to be
reprocessed and/or used on
another patient

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