Density Diluent Medium

Order No.	Size
60-01063-11	250 ml
60-01063-12	500 ml

Description

High Density Spin Medium is a ready to use, sterile medium for the preparation of different density working solutions for the enrichment of cells, bacteria and other particles. The working solutions can be prepared by the dilution of High Density Spin Medium with our Density Diluent Medium.

Application

Preparation of Common Densities

To create your own density solution High Density Spin Medium and Deniuent Medium has to be mixed in appropriate quantities. You can use the table below for this calculation.

Common Density (g/ml)	Volume (ml)	Cell Types	Volume of High Density Spin Medium (ml)	Volume of Density Diluent Medium(ml)
□	□		35	65
1.069	100	Human Monocytes	15	85
1.077	100	Human PBMC	35	65
1.094	100	Human PMNC	77.5	22.5

Ensure that both solutions have the same temperature before mixing them. The High Density Spin Medium is highly viscous and needs to be pipetted very slowly. Alternativly it is possible to weigh out the releveant amounts of the media. The required mass will be calculated with the volume and the wanted density. Stir the mixture gently approximatly five minutes. Try to avoid air bubbles, otherwise you'll have to wait until the media is clear again before starting your experiment.

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Additional Information

Delivery Time (days)	1-2
Shipping Condition	Room Temperature
Storage Condition	Room temperature, protect from light
Regulatory Statement	For research use only. Not for use in diagnostic procedures.
pH Range	6.8 - 7.4

Warning and Limitations

This product is for research and development only, not for diagnostic or theurapeutic use.

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