Lolina A/S

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Product Specification

Product name	Lolina® Preadipocyte Differentiation Supplement
Cat.No.	NaC203201
Size	-
Storage and shipping	Store PAdDS at -20°C; once added to medium, store at 4°C and protect from light. Do not refreeze after thawing. Dry ice.

Product Description

Lolina® Preadipocyte Differentiation Supplement (PAdDS) contains reagents that readily differentiate preadipocytes into mature adipocytes as assessed by Oil Red O staining in vitro. It is a sterile, concentrated (100X) solution which contains growth factors, hormones, and proteins necessary for preadipogenic differentiation. The supplement is designed as an additive for preadipocyte differentiation medium (PADM) and should be used in conjunction with that medium.

Prepare for use

It is normal to observe precipitation in the supplement. The precipitate does not affect the efficacy or performance of the product. Heat at 37°C for 5 minutes or until completely dissolved before adding to PADM. Gently tilt the PAdDS tube several times during thawing to help the contents dissolve. Rinse the bottle and tubes with 70% ethanol, and then wipe to remove excess. Remove the cap, being careful not to touch the interior threads with fingers. Add PAdDS and other components (FBS and P/S solution) into basal medium in a sterile field, mix well and then the reconstituted medium is ready for use. Since several components of PADM are light-labile, it is recommended that the medium not be exposed to light for lengthy periods of time. If the medium is warmed prior to use, do not exceed 37°C. When stored in the dark at 4°C, the reconstituted medium is stable for one month.

Caution: If handled improperly, some components of the medium may present a health hazard. Take appropriate precautions when handling it, including the wearing of protective clothing and eyewear. Dispose of properly.

Note

PAdDS is for research use only. It is not approved for human or animal use, or for application in in vitro diagnostic procedures.