

Ultra-Low Adherent Culture Dishes

For embryoid body formation in suspension cultures

Catalog # 27145

6 well dish (5 per pack)

PRODUCT DESCRIPTION:

Recommended for murine embryonic stem (ES) cell embryoid body formation in suspension cultures. Dishes are manufactured with a hydrogel layer that is hydrophilic and neutrally charged. This will inhibit cell attachment as proteins and other biomolecules passively adhere to surfaces through hydrophobic and ionic interactions. Ultra-Low Adherent Culture Dishes may reduce the attachment of embryoid bodies in suspension cultures compared to standard petri dishes.

STABILITY / STORAGE:

Store at room temperature.

Contents sterile in unopened package.

DIRECTIONS FOR USE:

Dishes are recommended for the formation of embryoid bodies in suspension culture during *in vitro* differentiation of mouse ES cells.

These dishes have been tested by StemCell Technologies for the *in vitro* differentiation of murine ES cells into pancreatic islet-like clusters and neural cell types. For detailed instructions refer to the Technical Manuals available on our website, www.stemcell.com.

ES Differentiation Medium should be added to the dishes (3 mL/well) and placed at 37°C for at least 15 minutes (longer incubation times up to one hour are acceptable). Plate 5×10^5 ES cells/well directly into the media used for rehydrating the surface of the dish.

All products are for single-use only. Dispose according to standard procedures for biohazardous material.

THIS PRODUCT IS FOR RESEARCH USE ONLY.