

AggreWell™400

Simple and standardized production of embryoid bodies

Catalog #	27845	1 Plate
	27945	5 Plates
	27840	1 Plate
	27940	5 Plates



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Product Description

AggreWell™ plates contain microwells that can be used to aggregate embryonic stem (ES) cells or induced pluripotent stem (iPS) cells into embryoid bodies (EBs). AggreWell™400 and AggreWell™400Ex plates have microwells 400 µm in size.

EB formation is achieved by adding a single-cell suspension to the plate, centrifuging to distribute the cells evenly among the microwells, and then culturing for a minimum of 24 hours to allow aggregation of the cells within each microwell. The resulting EBs are highly uniform in size and shape and can be efficiently differentiated into a variety of cell types.

EBs generated in AggreWell™ are:

- Uniform in size and shape
- Reproducible
- Size-controlled
- High yield

Product Information

Store AggreWell™ plates at room temperature (15 - 25°C) away from direct light and heat. Stable for 5 years from date of receipt.

PRODUCT NAME	CATALOG #	SIZE	DESCRIPTION
AggreWell™400	27845	1 plate	8 wells, each with approximately 1,200 microwells
AggreWell™400	27945	5 plates	8 wells, each with approximately 1,200 microwells
AggreWell™400Ex	27840	1 plate	6 wells, each with approximately 4,700 microwells
AggreWell™400Ex	27940	5 plates	6 wells, each with approximately 4,700 microwells

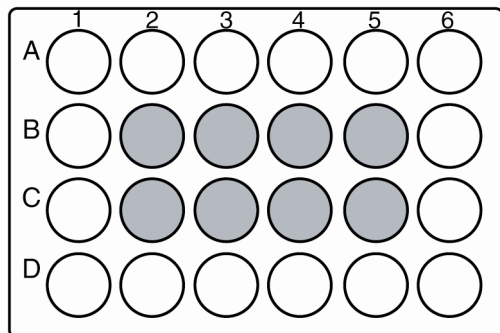
Directions for Use

For complete instructions on how to generate EBs using AggreWell™400 and AggreWell™400Ex plates, refer to the Technical Manual: Reproducible and Uniform Embryoid Bodies Using AggreWell™ Plates (Document #29146), available on our website at www.stemcell.com or contact us to request a copy.

NOTE: When generating EBs, it is essential to have a high-quality starting population of undifferentiated ES or iPS cells.

AggreWell™400

AggreWell™400 wells are located from B2 to C5 only, as shown below. Do not use empty wells for EB formation.



NOTE: The non-reactive bonding agent may be visible underneath the microwell array, but it will not affect performance.

AggreWell™ 400Ex

AggreWell™400Ex is a 6-well plate; each well contains approximately 4,700 microwells. There may be very small differences in the actual number of microwells present; however, this is unlikely to have a significant impact on EB yield from the plate.

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