

BriClone Hybridoma Cloning Medium

Product No.: BRI10000

Size: 100 ml

BACKGROUND

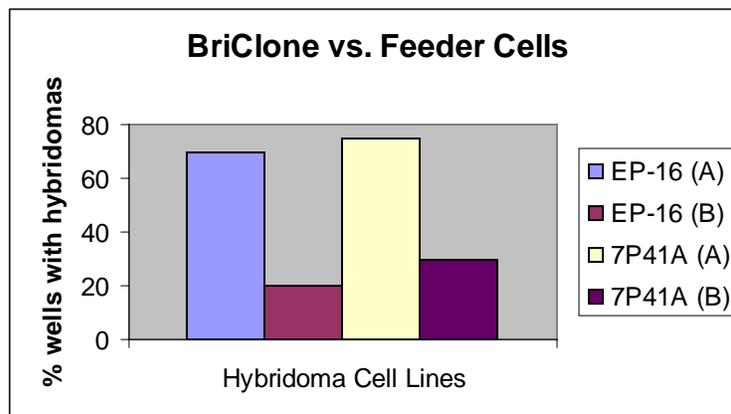
The traditional use of feeder cells to support the outgrowth of newly-created hybridomas has many disadvantages. Batch-to-batch variations may occur in the preparations of feeder cells, feeder cells are a potential source of contamination, and feeder cells may compete for vital nutrients with freshly-fused hybridomas. BriClone hybridoma cloning medium has been developed to overcome and eliminate these common problems.

PRODUCT DESCRIPTION

BriClone is a conditioned medium collected from a proprietary human cell line that produces IL-6. It is supplied as a sterile frozen medium in 100 ml volumes. Each batch of BriClone is tested for its ability to support the outgrowth of hybridomas from freshly fused cells and for its ability to support the growth of hybridomas under conditions of limiting dilution. BriClone is guaranteed *Mycoplasma*-free.

INSTRUCTIONS FOR USE

Add BriClone Hybridoma Cloning Medium to hybridoma culture medium as a 5% (v/v) supplement. BriClone is suitable for use in the post-fusion stages of hybridoma production and when cloning hybridoma cell lines under conditions of limiting dilution. BriClone, when added to culture medium, eliminates the need for feeder cells in these types of cultures.



Hybridoma cell lines EP-16 and 7P41A were cloned by limiting dilution under conditions designed to seed 1 cell/well in 96-well plates. (A) = with 5% BriClone, (B) = with murine macrophages as feeder cells.

STORAGE AND STABILITY

Store at -20°C for up to six months.

This product is intended for *in vitro* research only. BriClone is a product of Dublin City University, Dublin, Ireland.