cell culture media

Datasheet and Instructions for Use

Pantum 386

Complete growth medium for epithelial cells

Product	Description	Catalogue-No.	Size
Pantum 386	**Complete medium for epithelial cells ready-to-use**	**P04-00386**	**500 ml**

Product description

Pantum 386 is a complete medium specially developed for the culture of epithelial cells to optimize the growth of this cell type. In addition to purified plasma proteins and lipids, such as serum albumin and cholesterol, the medium contains specific growth factors, components of soybean extract, an iron transport protein, and enriched trace elements.

Storage conditions

Storage: -20° C (in the dark) 2-8° C (up to 3 months)
Stability: 2 years from date of production
Size: 500 ml – others on request

Composition

Modified formulation of DMEM with additional trace elements and amino acids; growth factors, lipids and purified proteins have been added to give a balanced mixture for epithelial cell culture.

Suitability

Pantum 386 is suited for culture of epithelial cells. The new formulation results in stable cell growth under defined culture conditions. No addition of serum or growth factors necessary.

Special Advantages

Pantum 386 is a ready-to-use, complete medium for the culture of epithelial cells with selected components from animal and plant sources. The defined composition allows for an optimized culture of epithelial cells. A complete, ready-to-use formulation gives additional safety with regard to possible contamination and no addition of serum is required.

Instructions for Use

Depending on the cell type, a seeding density of 2.000 - 10.000 cells per cm^2 is recommended. Usually a direct switch to Pantum 386 is possible for most cell types. For very sensitive cells, a gradual adaption to Pantum 386 from conventional serum-containing medium may be necessary.
If trypsin is used for detachment of adherent cells it should be assured that the enzyme is completely washed out; because there is no trypsin inactivating effect of serum in the medium, it is suggested that a trypsin-inhibitor is used to stop trypsin activity.

Technical Support

Additional information will be available on our website: www.pan-biotech.com
For technical support, questions or remarks please contact your local PAN-Biotech partner or the technical department of PAN-Biotech via email (info@pan-biotech.com) or phone +49-8543-601630

04/2013