

**Datasheet****Pantum 386****Complete growth medium for Epithelial Cells**

<b>Product</b>	<b>Description</b>	<b>Catalogue-No.</b>	<b>Size</b>
<b>Pantum 386</b>	<b>Growth medium for epithelial cells, ready-to-use</b>	<b>P04-00386</b>	<b>500 ml</b>

**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 serum, 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, other sizes on request

**Composition**

Modified formulation of DMEM supplemented with FBS. 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 growth properties. 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<sup>2</sup> is recommended. Usually a direct switch to Pantum 386 is possible for most cell types.

**Technical support**

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](mailto:info@pan-biotech.com)) or phone +49-8543-601630.

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