

Datasheet and Instructions for Use

Pantum T64

Complete growth medium for tumor cells

Product	Description	Catalogue-No.	Size
Pantum T64	Complete medium for tumor cells ready-to-use	P04-00064	500 ml

Product description

Pantum T64 is a complete medium specially developed for the culture of tumor 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 RPMI 1640; additional trace elements and amino acids; growth factors, lipids and purified plasma proteins have been added to give a balanced and reproducible mixture for tumor cell culture.

Suitability

Pantum T64 is suited for culture of tumor cells. The new formulation results in stable cell growth under defined culture conditions. No addition of serum or growth factors necessary.

Special Advantages

Pantum T64 is a ready-to-use, complete medium for the culture of tumor cells with selected components from animal and plant sources. The defined composition allows for an optimized culture of tumor 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 10,000 to 200,000 cells per ml is recommended. Usually a direct switch from conventional cell culture media to Pantum T64 is possible for most cell types. For very sensitive cells, a gradual adaption to Pantum T64 from conventional serum-containing medium may be necessary.

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