

## Serum-free Media

**Panserin H8000** is a protein-free, ready-to-use medium for an optimized growth of cholesterol-dependent myeloma and hybridoma cell lines in suspension culture for the production of monoclonal antibodies. Panserin H8000 is suitable for spinner cultures, roller bottles and bioreactors.

### Composition

Panserin H8000 consists of a balanced mixture of salts, amino acids, vitamins, trace elements, hormones, bio-available cholesterol and is enriched with selected herbal hydrolysates for an optimized growth of cholesterol dependent myeloma and hybridoma cell lines.

### Suitability

Cultivation of cholesterol-dependent myeloma and hybridoma cell lines for the production of monoclonal antibodies.

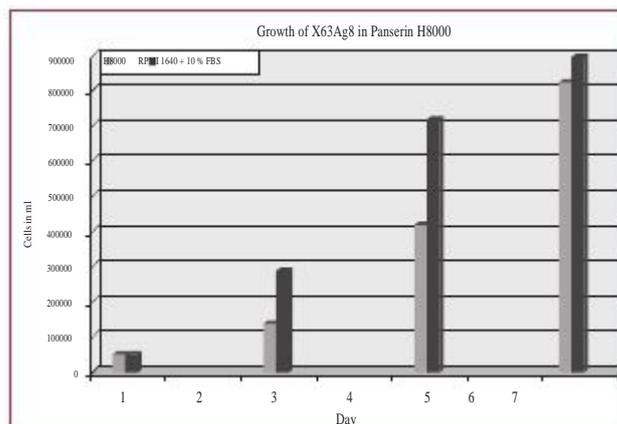
### Special advantages

The formulation of the protein-free Panserin H8000 with a low concentration of plant hydrolysates enables a high cell yield in combination with excellent production rates of monoclonal antibodies. As Panserin H8000 is free of animal or human components it is predestined for the use in sensitive production areas (e.g. production of diagnostic or therapeutic tools) where safety requirements prohibit the use of human or animal components. The ready-to-use protein-free medium allows easy handling and therefore reduces contamination risks and ensures an easy and economic purification of final products in the downstream processing.

### Instructions for use

Detailed instructions will be provided with the accompanying datasheet for Panserin H8000. In addition, instructions for use can also be found at [www.pan-biotech.com](http://www.pan-biotech.com).

Most hybridoma cell lines can be directly transferred from a serum-containing culture into a protein-free suspension culture. It should be noted here that the seeding density should be at least  $1-3 \times 10^5$  cells.



Panserin H8000<sup>(1)</sup>

100 ml  
500 ml

P04-718000M  
P04-718000

(1) usually on stock, (2) minimum order 10 l, (3) available on request