

## Datasheet

# Donor Horse Serum

Product	Description	Catalogue-No.	Size
Donor Horse Serum	EU origin, 0.2 µm sterile filtered	P30-0700	50 ml
		P30-0701	100 ml
		P30-0702	500 ml

### Product description

Animal serum is commonly used to supplement basal media formulations for the optimal growth of many cell types *in vitro*.

Donor Horse Serum (DHS) is collected from monitored herds of animals. It is commonly used as a cost-effective substitute for Fetal Bovine Serum (FBS) and will support growth of most mammalian cells without an adaption period. DHS contains approximately twice the protein present in FBS, but is lower in many trace metals that are necessary for optimal growth. Utilizing basal medium that contains these elements can overcome the deficiencies and produce higher cell numbers.

### Composition

Donor Horse Serum contains only serum of highest quality from prescreened donors in controlled herds. Country of origin is specified on the Certificate of Analysis. It is not blended or enhanced by addition of growth factors or proteins.

### Donor Horse Serum advantages

- Reproducible growth properties
- Suitable for a great variety of cells
- Continuous quality control

### Instructions for Use

DHS should be thawed at 2-8° C (e.g. overnight). Alternatively, to save time, it may be thawed under controlled conditions in a water bath at 37°C, gently mixing the content from time to time. In this case it is important to closely observe the thawing process and stop when a small amount of ice is still present in the serum. After thawing the serum should be mixed well to get an even distribution of protein and growth factors (do not shake to prevent foaming). Thawed serum may be stored for up to four weeks at 2-8° C, or can be refrozen in smaller aliquots for later use.

### 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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