

**Datasheet****HBSS****Buffered Salt Solution**

<b>Product</b>	<b>Description</b>	<b>Catalogue-No.</b>	<b>Size</b>
<b>HBSS</b>	<b>Hank's Balanced Salt Solution</b>	<b>See below</b>	<b>100 ml 500 ml 1000 ml</b>

**Product description**

The main purpose of buffered salt solutions is the maintenance of pH and osmolarity in cell culture applications as well as providing essential inorganic ions. These solutions are usually used for washing tissues and cells. Often they are combined with other agents in cell and tissue treatment.

**Storage conditions and stability**

Storage: +2 °C to RT  
Stability: 3 years from date of production  
Size: 100 ml, 500 ml, 1000 ml, other sizes on request

**Composition**

See Cat. No. specific composition.

**Catalogue No.**

P04-32100, P04-32500, P04-49100, P04-49500, P04-33100, P04-33500, P04-50100, P04-50500, P04-32105, P04-32505, P04-49105, P04-49505, P04-34100, P04-34500, P04-341000

**Applications**

HBSS can be used as a washing solution for living cells, or as a carrier solution for various substances. The main purpose of HBSS is to maintain pH as well as osmotic balance and provides water and essential inorganic ions to cells. It is designed for use with cells maintained in non-CO<sub>2</sub> atmospheric conditions. For cell dissociation procedures use a modified HBSS, which is formulated without calcium and magnesium salts (e.g. P04-33500, P04-50500, P04-34500, P04-50505).

**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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