

BIOSAP HO



IVD In vitro diagnostic medical device

Classified acc. to Regulation (EU) 2017/746 - Class A device

Culture media supplement for use in microbiology diagnostics

Defibrinated horse blood, reoxygenated

INSTRUCTIONS FOR USE

BASIC UDI number	385889212 BAC4010104SUQL				
EMDN code	W0104010104				
REF Catalog number	Volume	UDI-DI number	REF Catalog number	Volume	UDI-DI number
DKKO-050	50 mL	03858892125007	DKKO-500	500 mL	03858892125229
DKKO-100	100 mL	03858892125014	DKKO-5L	5000 mL	03858892125960
DKKO-250	250 mL	03858892125021	DKKO-10L	10000 mL	03858892125946



Intended use and test principle

In vitro diagnostic products from animal blood are widely used in laboratory diagnostic procedures. They are widely used as nutritional supplements to microbiological media and are especially important for diagnosing hemolytic reactions.

Product description

- BIOSAP HO - Defibrinated horse blood, reoxygenated**

The preparation obtained by aseptically collecting blood from horses with mechanical denaturation of fibrin and reoxygenation. Defibrination is nowadays accepted as the best method of preventing clotting, and it must be performed quickly with minimal hemolysis and disruption of the erythrocyte structure. However, the percentage of hemolysis is always present in such preparations.

Application of the BIOSAP HO supplements:

The product is used as a supplement to microbiological media to determine the type of hemolytic reaction produced by certain microorganisms and as an enhancer of nutritional value of the media.

Note

The product is used as a supplement to microbiological media, and for details on application, the instructions of the manufacturer of the specific dehydrated medium should be used. Hemolytic reactions on different blood types are not identical, and blood media intended for use with one type may give unsatisfactory hemolytic reactions if used with another.

According to the recommendation of EUCAST (European committee on antimicrobial susceptibility testing) MH enriched with 5% mechanically defibrinated horse blood (BIOSAP HO) and 20 mg/L β -NAD is used in antimicrobial susceptibility testing by the disc diffusion method for *Streptococcus* spp., inclusive *S. pneumoniae*, *Haemophilus* spp., *M. catarrhalis*, *L. monocytogenes*, *Campylobacter* spp., *P. multocida* and some other selective microorganisms.

Sample preparation and diagnostics

Before use, the bottle should be left at room temperature for 5-10 minutes and then gently shaken. Under sterile conditions transfer the appropriate volume of the supplement into the medium cooled to a temperature of +45 °C to +50 °C (depending on the recommendation of the manufacturer of the medium used).

Storage, stability, and shelf life

BIOSAP supplements should be stored in well-closed original packaging at a temperature of +2 °C to +8 °C. Do not freeze and avoid exposure to direct sunlight. The product must not be used after the expiry date printed on the label.

Reference

- Bridson, EY (2006): The Oxoid Manual: Oxoid Limited, Wade Road, Basingstoke, Hampshire RG24 8PW, England
- http://www.eucast.org/fileadmin/src/media/PDFs/EUCAST_files/Disk_test_documents/Media_preparation_v_2.0_EUCAST_AST.pdf

Warnings and precautions regarding the materials contained in the product:

Not a hazardous substance or mixture acc. to Regulation (EZ) br. 1272/2008.

DKKO-IFU_ENV1, 01.10.2026., iŠP

Manufacturer	Batch code	Consult instructions for use	In vitro diagnostic medical device
Date of manufacture	Catalogue number	Caution	European conformity
Use-by date	Temperature limit	Contains biological material of animal origin	Unique device identifier

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Version	Description / reason for change	Date
1	Revised in acc to Regulation (EU) 2017/746 - IVDR	01.10.2026.