

## HEMOGLOBIN

Autoclavable hemoglobin from beef blood, for preparing microbiological culture media.

### DESCRIPTION

HEMOGLOBIN from beef blood, is a dehydrated supplement used in preparing microbiological culture media.

### PRINCIPLE

HEMOGLOBIN is added to the culture medium being prepared to provide hemin (X factor), which is required by *Haemophilus* species and enhances growth of *Neisseria* species.

### PREPARATION

1. Dissolve 10 g of HEMOGLOBIN powder for each liter of medium desired in 1/2 volume of cold purified water.
2. Autoclave solution at 121°C for 15 minutes.
3. Cool to 45-50°C and combine with 1/2 volume of autoclaved agar base solution (such as GC Agar Base).
4. Mix thoroughly before dispensing into appropriate containers.

### TECHNIQUE

Refer to technical sheet of the medium being prepared.

### INTERPRETATION OF RESULTS

Refer to appropriate references and procedures for results.

### STORAGE

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared plates at 2-8°C away from light.

### WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is designed for *In vitro* diagnostic use and must be used only by properly trained operators.

### DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

### REFERENCES

1. Chapin, C.K., G.V. Doern (1983). J. Clin. Microbiol. 17: 1163-1165.
2. Martin, J.E., Armstrong J.H., Smith P.B. (1974). Appl. Microbiol. 27: 802-805.
3. NCCLS document M22-A2, 1996. Quality Assurance for Commercially prepared Microbiological Culture Media-Second ed. Approved Standard.
4. Seth, A. (1970). Brit. J. Vener. Dis. 46: 201-202.



**LIOFILCHEM® S.r.l.**

Via Scozia, Zona Ind.le - 64026, Roseto degli Abruzzi (TE) - ITALY  
Tel +39 0858930745 Fax +39 0858930330 Website: [www.liofilchem.net](http://www.liofilchem.net) E-mail: [liofilchem@liofilchem.net](mailto:liofilchem@liofilchem.net)



## PRODUCT SPECIFICATIONS

### NAME

HEMOGLOBIN

### PRESENTATION

Dehydrated supplement

### STORAGE

10-30°C

### PACKAGE

Ref.	Content	Packaging
611706	500 g	500 g of powder in plastic bottle

### pH

7.0 ± 0.2

### USE

HEMOGLOBIN from beef blood, is a dehydrated supplement used in preparing microbiological culture media.

### TECHNIQUE

Refer to technical sheet of the product










### APPEARANCE

Appearance: free-flowing, homogeneous  
Colour: reddish-brown to maroon

### SHELF LIFE

4 years

### TABLE OF SYMBOLS

 Batch code	 Keep away from heat sources	 Manufacturer	 Use by	 Fragile, handle with care
 Catalogue number	 Temperature limitation	 Contains sufficient for <n> tests	 Consult instruction for use	



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