





# LEXSY BHI - Liquid Media Kit

sterile, brain-heart infusion-based medium recommended for transfection and strain maintenance

Cat. No.	Amount
ML-411S	1L
ML-411L	5 x 1 L

For general laboratory use. Not intended for human or animal diagnostic or therapeutic uses.

Shipping: Shipped at ambient temperature/on gel packs

**Storage Conditions:** Store components as indicated on individual labels

Shelf Life: 12 months

## **Applications:**

For the growth of LEXSY hosts P10 (Cat.-No. LT-101) and T7-TR (Cat.-No. LT-110).

#### **Description**:

Three-component Kit for preparation of complex *Leishmania* cultivation medium.

#### Content:

LEXSY BHI, liquid

Hemin stock solution, 500x (Cat.-No. ML-108): 0,25 % solution of Hemin in 30 % Triethanolamine, sterile

Pen-Strep stock solution, 200x (Cat.-No. ML-105): 10.000 U/ml of penicillin G sodium salt and 10.000  $\mu$ g/ml of streptomycin sulfate in 0.85 % saline, sterile

Cat. No.	Content	Amount
ML-411S	1 l medium 2 ml Hemin 5 ml Pen-Strep	for 1 l medium
ML-411L	5 x 1 l medium 10 ml Hemin 25 ml Pen-Strep	for 5 l medium

#### Storage conditions:

LEXSY BHI, liquid: Store at room temperature Stable for 12 months

Hemin stock solution, 500x: Store at 4 °C in the dark Stable for 12 month

Pen-Strep stock solution, 200x: Store at -20 °C Stable for 12 month

## Preparation of complete Leishmania cultivation medium:

Add to 1 l LEXSY BHI: 5.0 ml Pen-Strep solution 2.0 ml Hemin stock solution to a final concentration of 5 µg/ml

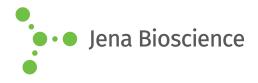
Final pH = 7.6 ± 0.2

Store in the dark at 4 °C.

Completed medium is useable for up to 2 weeks. If the completed medium is to be used after this period, appropriate amounts of Hemin and Pen-Strep have to be re-added.









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Selected References:

[1] Zauner et al. (2018) Structural Analyses of Arabidopsis thaliana Legumain γ Reveal Differential Recognition and Processing of Proteolysis and Ligation Substrates. J Biol Chem **293:** 8934

