

LB Powder, Non-Animal Origin

<u>Code</u>	<u>Description</u>
N526-5PK	LB Powder, Non-Animal Origin

Description:

LB (Luria-Bertani) media is a rich formulation widely used to support the growth of a variety of non-fastidious organisms including *E. coli*, *S. typhimurium*, *B. subtilis* and *S. aureus*. It also is suitable as a growth media for yeast including *Aspergillus* and *Penicillium*. All components of LB Powder, Non-Animal Origin are derived from non-animal sources and are recommended for applications that require the use of animal-free reagents. It is extensively tested to ensure that growth matches or exceeds that in media containing components from conventional animal sources.

LB Powder, Non-Animal Origin is offered as a pre-mixed powder conveniently packaged in premeasured packs sufficient to prepare 1 liter of broth. It may also be used as a base for enriched media when supplemented with additional growth components.

Composition

<u>Component</u>	<u>Final Amount</u>
	<u>g/L</u>
Soy Peptone, animal-free	10
Yeast Extract	5
Sodium Chloride	5

Supplied as 5 individual packs per box.
Each pack makes 1 L of media.

Directions:

- Add contents of 1 pack of LB Powder to 1 liter of distilled water.
- Autoclave for 15 minutes at 121 °C

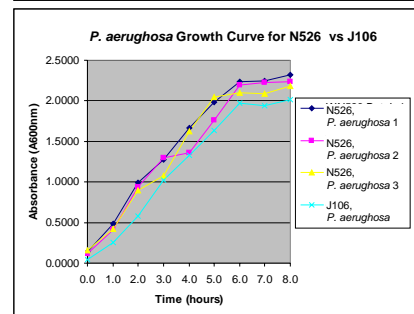
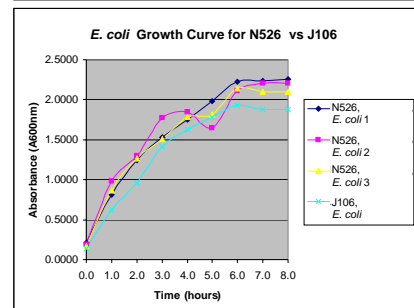
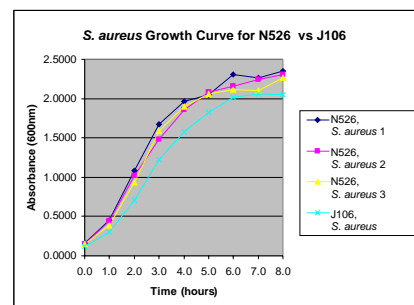
Storage/Stability:

The powder is stable for 2 years at room temperature.

Application Disclaimer

For Research Use Only.
Not for Therapeutic or Diagnostic Use.

Comparison of Bacterial Growth in Animal-free LB media (Code: N526) versus conventional LB media, Miller Formulation (Code: J106). Saturated cultures of *E. Coli*, *P. aeruginosa*, and *S. aureus* were used to inoculate fresh cultures of either animal-free LB media or conventional LB media. Cultures were incubated at 37°C with shaking. Growth curves were obtained by determining OD₆₀₀ at hourly intervals for 8 hours.



Related Products :

Code	Product
N454-100G	Soy Peptone, Animal-free, GMO-free
N454-500G	Soy Peptone, Animal-free, GMO-free

AMRESCO offers an extensive line of animal-free reagents.
Visit our website at www.amresco-inc.com or consult our catalog for a complete listing.

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