# Yeast Nitrogen Agar

**Cat:** LA7400

**Specification:** 250g

**Storage:** Store at room temperature, and it is valid for 2 years.

**Introduction:**

It is used to classify yeasts by the utilization of carbon sources.

**Composition: mg/L**

| Composition | Name | mg/L |
|---|---|---|
| Nitrogen source | ammonium sulfate | 5000 |
| amino acid | L-Histidine hydrochloride | 10 |
| | LD-Methionine | 20 |
| | LD-tryptophan | 20 |
| Vitamin | Biotin | 0.002 |
| | Calcium Pantothenate | 0.4 |
| | Folic acid | 0.002 |
| | Inositol | 2 |
| | Niacin | 0.4 |
| | p-aminobenzoic acid | 0.2 |
| | Pyridoxine hydrochloride | 0.4 |
| | Riboflavin | 0.2 |
| | Thiamine Nicotinate | 0.4 |
| Trace element | Boric acid | 0.5 |
| | Copper sulfate | 0.04 |
| | Potassium iodide | 0.1 |
| | Ferric chloride | 0.2 |
| | Manganese sulfate | 0.4 |
| | Sodium molybdate | 0.2 |
| | Zinc sulfate | 0.4 |
| Inorganic salt | potassium dihydrogen phosphate | 1000 |
| | Magnesium sulfate | 500 |
| | Sodium chloride | 100 |
| | Calcium chloride | 100 |
| Coagulant | Agar | 40000 |
| Total | pH5.5±0.2 | 46755.844 |

**Instructions for use: (*for reference only*)**

Weigh 46.75g of this product and dissolve it in 100ml of distilled water or deionized water. Add 5g of glucose or an equivalent amount of other carbon sources, gently warm and dissolve, filter and sterilize, and prepare a 10-fold concentrated solution, which should be stored at 2-8℃. In a sterile environment, use a sterile pipette to transfer 0.5ml of the above-mentioned concentrated solution into 4.5ml of sterile distilled water, mix well, and set aside.

**Note:**

1. Unless otherwise specified, the biochemical reagents produced by our company are generally non-sterile packaged. If they are to be used for cell experiments, please conduct pretreatment in advance.
2. The product information is for reference only. If you have any questions, please call 400-968-6088 for consultation.
3. The products are all for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store them in ordinary residential areas.
4. For your safety and health, please wear laboratory clothes, disposable gloves and masks to operate.