

## bioGenous™ Epithelial Organoid Basal Medium(Serum-free)

Catalog: B213151

### Product Description

bioGenous™ Epithelial Organoid Basal Medium is a basal medium optimized for the culture of mammalian epithelial organoids. Epithelial Organoid Basal Medium requires supplementation with serum replacements, typically bioGenous™ B plus supplement (B846028) and growth factors, since this medium does not contain proteins and any other animal origin components.

### Product Information

Component	Component Cat#	Volume	Storage & Stability
bioGenous™ Epithelial Organoid Basal Medium	B213151	500mL	2-8 °C, protected from strong light, 12 months

### Specifications

Purification	Sterility Testing	Shipping Conditions	Applications	Animal Origin	Country of Origin
0.2 µm filtered	Pass	Ambient	Organoid Culture	None	China

### Main Additives

With	Without
D-Glucose	L-glutamine
Non Essential Amino Acids	HEPES
Sodium Pyruvate	
Ascorbic Acid	
Niacinamide	
Folic Acid	
Choline chloride	
i-Inositol	
Glutathione	
Phenol Red	

**NOTE:** Epithelial Organoid Basal Medium uses a sodium bicarbonate buffer system and therefore requires a 5–10% CO<sub>2</sub> environment to maintain physiological pH. Always use aseptic techniques when handling and supplementing Epithelial Organoid Basal Medium.

### Storage and Handling

Epithelial Organoid Basal Medium is supplied in gamma-irradiated, sterile PETG or PETE bottles. It is recommended to be stored at a temperature of 2-8 °C, and protected from strong light.

### Precaution:

When handling bio-hazardous materials such as human cells, safe laboratory procedures should be followed, and personal protective equipment should be worn.

### cGMP Manufacturing and Quality System

Epithelial Organoid Basal Medium is manufactured in cGMP-compliant facilities certified with ISO9001, ISO14000, ISO13485 quality system standards.

### Limitations

**FOR LABORATORY RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.**

Last updated on 20<sup>th</sup> March 2023