

## **ATCC Medium: 814 GC Agar/Broth Medium**

### **Agar Medium**

#### **Solution A:**

GC agar base (BD 228950).....36.0 g  
DI Water.....500.0 ml

#### **Solution B:**

Dried Bovine Hemoglobin (BD 212392).....10.0 g  
DI Water.....500.0 ml

Autoclave Solutions A and B separately at 121°C. Cool to 50°C. Aseptically add Solution B to Solution A. Mix very well. Rehydrate IsoVitallex according to package instructions and add aseptically to medium.

IsoVitalex (BD 211876).....10.0 ml

Mix well and dispense into appropriate vessel.

### **Broth Medium**

#### **Solution A:**

Proteose Peptone #3.....15.0 g  
Corn Starch.....1.0 g  
Dipotassium Phosphate.....4.0 g  
Monopotassium Phosphate.....1.0 g  
Sodium Chloride.....5.0 g  
DI Water.....500 ml

Adjust pH to 7.2 +/- 0.2

#### **Solution B:**

Dried Bovine Hemoglobin (BD 212392).....10.0 g  
DI Water.....500.0 ml

Autoclave Solutions A and B separately at 121°C. Cool to 50°C. Aseptically add Solution B to Solution A. Mix very well. Rehydrate IsoVitallex according to package instructions and add aseptically to medium.

IsoVitalex (BD 211876).....10.0 ml

Mix well and dispense into appropriate vessel.

### **Final Product Description**

- Agar should be brown.
- For complete broth, hemoglobin will settle to the bottom; once shaken, broth should be brown.
- Recommended Storage Temperature: 2-8°C.