

Revision Date: June 2024

Revision Number: v1.0

## IRD Buffer

Product Number	IRD-320
IRD Buffer	320 mL
Instruction Manual	✓

## Storage and Stability

IRD Buffer is stable for at least 12 months from date of purchase when stored at room temperature and away from bright light. During shipment or storage in cool ambient conditions, precipitates may form. Dissolve such deposits by warming the solution at 37°C and gently shaking.

## User Provided Materials

- 100% Isopropanol

## Preparing Reagents

Freshly prepare IRD Buffer by diluting with 100% isopropanol at a ratio of 45:55 (45% IRD Buffer:55% Isopropanol). For example, to prepare 1 mL IRD Buffer, add 550 µL of 100% isopropanol to 450 µL of IRD Buffer. The amount of IRD Buffer that needs to be prepared depends on the input volume and number of purifications to be performed. Please only prepare as much diluted IRD Buffer that will be used within 72 hours.

## Warnings and Safety Information

This kit is for research use only. **Caution:** This buffer contains guanidine-based chaotropic agents, which can form highly reactive compounds when combined with bleach. **DO NOT add bleach or acidic solutions to guanidine containing waste.** Please access the safety data sheet (SDS) at [www.omegabiotek.com](http://www.omegabiotek.com) for more detailed information on the hazards associated with using this buffer.