

Countable Swing Bucket Kit (KT0002)

For Research Use Only. Not for use in diagnostic procedures.

Description

The Countable Swing Bucket Kit (KT0002) enables high-speed, precision centrifugation of Matrix Column Strips and Matrix Tube Strips for gel matrix formation in Countable PCR workflows. Designed specifically for use with the Countable Matrix Consumables Kit (KT0001) and Countable Matrix Reagents Kit (KT0003), these custom swing buckets ensure proper alignment, balance, and matrix integrity during spin setup.

The Countable Swing Bucket is compatible with the Eppendorf 5430/5430R centrifuge (Cat# 022620509, 022620511, 022620513) fitted with the S-24-11-AT swing bucket rotor (Cat# 5427757007).

Kit Contents

Component	Catalog #	Quantity
Swing Bucket	N/A	6
Swing Bucket Carrier	N/A	1
Balance Strip	N/A	4

Each carrier holds up to 48 reactions (12 Tube Strips) per spin.

Storage and Stability

- Store at ambient temperature (18°C - 25°C)
- No expiration when stored properly

Handling Instructions

- Place Matrix Tube Strips upright into each Swing Bucket with barcodes facing right
- Insert Swing Buckets into the Carrier, ensuring proper orientation with the notch in the top-left corner
- Load up to 6 Swing Buckets into the Eppendorf 5430/5430R centrifuge, ensuring balance with included Balance Strips
- Centrifuge at $16,000 \times g$ for 20 minutes at room temperature

Workflow Overview

See Countable PCR Setup Guide

Safety Information

This kit does not contain hazardous materials. Use in accordance with standard lab safety practices.

Swing Buckets are reusable aluminum components. Inspect before each use for damage or imbalance. Do not exceed recommended centrifugation force.

Additional Information

For a usage and setup, refer to the Countable PCR Setup Guide.

For technical support, contact success@countablelabs.com.

For order assistance, contact order@countablelabs.com.

Visit www.countablelabs.com.