



BECKMAN COULTER

Allegra 25R

Extreme Performance. Powerful.

Perfect for DNA – From Bacteria & Yeast Pelleting – Through Isolation & Purification to Post-reaction Clean Up

For versatility in handling all of your DNA Sample Preparation needs – select the Allegra 25R. On the lab bench – right next to your sequencer, thermal cycler or PCR system – you can conduct:

- Cell separation up to 500 mL at 5,530 x g (5,100 RPM)
- Cell lysing 15 mL, 50 mL or 250 mL at 15,300 x g (10,000 RPM)
- Crude DNA pelleting 15 mL or 50 mL at 15,300 x g (10,000 RPM)
- Manual mini-preps or isolation with spin columns 1.5 mL at 25,160 x g (15,000 RPM)
- Isolation with 96-well filtration kits 6,130 x g (5,700 RPM)
- Post-reaction clean up, standard or PCR plates at 6,130 x g (5,700 RPM)
- Operating temperature from +2°C to +40°C to protect integrity of samples.

The Allegra 25R provides hands-free operation with an automatic door latch soft, automatic close–magnetic rotor ID for precise performance, and an extremely quiet, maintenance-free brushless motor.

Digital display indicates actual speed, set speed, temperature and rotor imbalance. Speed can be selected by entering either RPM or RCF. Runs can be “timed” or “continuous.” A pulse key allows you to accelerate to set speed for short duration runs, while the key is engaged. Ten different acceleration and deceleration rates are available.

An automatic sensor blocks centrifuge operation until the door is locked. Once in operation, sensor releases the door lock only when the centrifuge has stopped. Features CFC free refrigerant. Set temperature is maintained when centrifuge is at rest.



Description

Allegra 25R High-performing Benchtop Centrifuge.
60 Hz, 208 V, Refrigerated

Specifications

Allegra 25R

Max. Speed (RPM):	15,000 (fixed-angle); 5,700 (swinging-bucket)
Max. RCF (x g):	25,160 (fixed-angle); 6,130 (swinging-bucket)
Max. Capacity:	4 x 500 mL
Set Temp. Range:	-20°C to +40°C
Drive:	Brushless induction
Accel/Decel Rates:	10 independent profiles
Refrigeration:	Yes
Run Time:	9 hr., 59 min., Hold, Pulse (short run)
Safety:	Automatic door latch
Features:	Interlock, imbalance detector, steel barrier ring around chamber
Dim. w/lid closed:	65w x 68.5d x 40.5h cm (25.6w x 27d x 16h in)
Weight without rotor:	124.0 kg (273.4 lb.)
Electrical:	208 V, 60 Hz, 16 A

Post-reaction clean up of labeled DNA sequencing products is necessary to remove both the unincorporated dye terminators and residual salts. The unincorporated dye terminators tend to form “dye blobs” (usually within the first 80 bases), interfering with the accuracy of base calling, while excess salts act to lower signal intensity by competing with the DNA for migration into the capillaries.

Plate precipitation is an efficient way of removing unincorporated dye terminators and salts from sequencing reactions. AIB# 1903A describes a rapid and efficient method for performing plate precipitation using the Beckman Coulter Allegra 25R centrifuge and the S5700 rotor. This method is inexpensive to implement and produces high signal intensities in 75 minutes total centrifuge time. For more information, order AIB# 1903A.

6 x 250 mL Fixed-angle Rotor (TA-10-250)

*Cell Lysing, Crude DNA Pelleting,
Midi and Maxi Kits*

- 1.5 L capacity (6 x 250 mL)
- 15,300 x g (10,000 RPM)
- 6 x 250 mL flat-bottom bottles
- 24 x 15 mL and 6 x 50 mL conical tubes
- 6 x 230 mL conical bottles



Handing ApS™
Nordkranvej 5-9, Vassingerød
DK - 3540 Lyngø
Tel.: +45 48160166
www.handing.dk

Centrifuge Allegra 25R

Dette dokument er vejledende.
Der tages forbehold for fejl.
This document is only guiding.
We make reservation for possible errors.

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Alle mål i mm.
All measures in mm.

Lager nr. /LH

SD066