

PBCF Colleagues: only 1 user from the same group can reserve 1 ultracentrifuge unit at a time during PBCF operation hours (Mon-Fri, 09:00 – 17:00). This rule is exempt outside of these hours. Reservations can be made on Idea ELAN.

Rotors have maximum revolutions per minute (RPM) and relative centrifugal force (RCF) limits; however, **the maximum RPM/RCF will ultimately depend on the tube/bottle within the rotor**. Please see the [*Beckman Coulter Rotor Selection Guide*](#) to determine the appropriate RPM/RCF for your experiment based on tube/bottle being used.

Fixed Angle Rotors

Type 42.2 Ti

72 tubes x 0.23 mL

Quantity: 1

Max RPM: 42,000 | Max RCF: 223,000 x *g*

Type 70 Ti

8 tubes x 39 mL

Quantity: 3

Max RPM: 70,000 | Max RCF: 504,000 x *g*

Type 70.1 Ti

12 tubes x 13.5 mL

Quantity: 2

Max RPM: 70,000 | Max RCF: 450,000 x *g*

Type 100 Ti

8 tubes x 6.0 mL

Quantity: 1

Max RPM: 100,000 | Max RCF: 802,000 x *g*

Swing Bucket Rotors

Top-loading SW 32 Ti

6 Tubes x 38.5 mL

Quantity: 2

Max RPM: 32,000 | Max RCF: 175,000 x *g*

SW 41 Ti

6 tubes x 13.2 mL

Quantity: 1

Max RPM: 41,000 | Max RCF: 288,000 x *g*

SW 60 Ti

6 tubes x 4 mL

Quantity: 2

Max RPM: 60,000 | Max RCF: 485,000 x *g*