

SUPPLEMENTAL TECHNICAL BULLETIN ST – 2009 – 01

Title: PDQ, Platelet Function Centrifuge Precautions

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This Supplemental Technical Bulletin (ST) has been developed as a laboratory aid. This ST does not alter, revise or change the information provided in the Technical Bulletin included with each product. In accordance with Good Laboratory Practice and regulatory requirements, each laboratory must develop, validate and adopt its own written procedures.

PRECAUTIONS:

Failure to follow these precautions may result in damage to the centrifuge as this will void the warranty and could be an operational hazard.

- **Never** try to open the PDQ cover unless it is connected to power. When power is connected, the LED will illuminate and the cover lock will release.
- **Never** force the lid to open – the cover interlock bypass is designed for emergency use only. The electronically operated cover interlock mechanism can be released manually by inserting the straightened end of a large paper clip into the small hole in the center of the front membrane panel. If the stop/open button does not release the cover, then manually push the lock lever inward about one inch to release the interlock mechanism.
- Remove the blue foam packaging around the rotor before operating the centrifuge.
- Failure to properly install the rotor may result in damage. **Never** operate the PDQ without the rotor in place.
- **Never** operate the PDQ without the inserts in place.
- **Never** process tubes greater than 75mm long.
- Replace balance tube every 10 cycles to prevent possible breakage due to the repeated stress of centrifugation.
- Two or four tubes may be processed at one time. **Never** process a single tube.
- Tube volumes must be within 0.5mL of each other for proper balancing.
- North America - Only use the power supply included with the unit. Use of other power supplies or transformers will damage the PDQ electronics.
- Outside of North America – A country specific line cord is supplied for the power outlet of the designated country, verify that it is the proper cord for your country.

The PDQ accepts evacuated specimen collection (1.5 to 5.0mL) and aliquot tubes.

The PDQ can process 1.5 – 2.0, 2.0, 3.0, 4.0 and 5mL tubes:

Inserts for 5.0 mL – 13 x 75mm

Inserts for 3.0mL – 10.25 x 64mm

Inserts for 2mL – 10.25 x 47mm or microtainers

Inserts for 1.5 – 2.0 mL – 13 x 40mm microtubes

The following tubes were included in the validation of the PDQ:

BD Vacutainer® siliconized glass specimen collection tubes

BD Hemogard™ closure specimen collection tubes

BD Vacutainer® Plus Plastic specimen collection tubes

Greiner Bio one Vacuette® specimen collection tubes

Bio/Data plastic sample tubes, C/N 106853 and sample caps, C/N 106899

Note: The citrate concentration in all cases should be 0.11M (3.2%)