


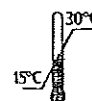
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 **BD Clay Adams™**
SurePrep™
Precalibrated
Capillary Tubes

Self-Sealing, Mylar™ Wrapped

A patented design for reduced blood leakage and tube breakage in microhematocrits.

For Laboratory Use
 Store tubes in capped vials.

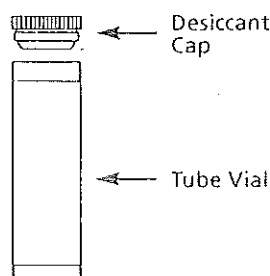


STORAGE AND STABILITY

Vials of SurePrep tubes use a moisture absorbing desiccant cap to protect the self-sealing plug material. Moisture can impair capillary action of the tubes while filling. Keep tubes capped and sealed in their vials when not in use.

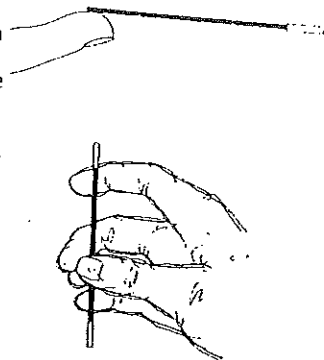
Store at 15 – 30°C.

If normal filling of tubes is impaired by exposure to moist air, reseal the vial with the desiccant cap and allow 24 hours before reusing. The cap will dry the tubes and restore normal filling.



PROCEDURES

1. Fill capillary tube with blood from opposite end of self-sealing plug. Fill to calibration line. Wipe outside of tube with lint-free tissue to remove any blood.
2. Hold tube vertically, plug end down. Allow blood to contact self-sealing plug for at least 15 seconds. Note: Failure to follow this step may result in leakage of sample while centrifuging.
3. Place blood-filled tube into centrifuge according to instructions in centrifuge operator's manual. Always place sealed end of tube against outer rim gasket of rotor.
4. Centrifuge for time recommended in centrifuge manual, and read results.



WARNINGS AND PRECAUTIONS

SurePrep tubes with self-sealing plugs and Mylar wrapping provide protection against blood leakage or glass breakage during handling. When working with blood, however, always wear laboratory gloves to guard against possible infection.

CAUTION

Blood specimens may contain Hepatitis B or C virus or human immunodeficiency virus (HIV) and must be handled as potential biohazards.

In the event of tube breakage, carefully remove broken glass with a hemostat or other device, using puncture-resistant utility gloves.

PRODUCT DESCRIPTION

PRECALIBRATED SurePrep Capillary Tubes: with self-sealing plug (3.2 mm length) color coded (green) for identification; **FOR USE WITH DIRECT READING CENTRIFUGES**; calibration mark; fire polished on sample collection end and flared and fire polished on plug end; contain minimum of 2 U.S.P. units ammonium heparin per tube; 75 mm length, 1.1 to 1.2 mm I.D., 0.2 mm wall, 0.02 mm taper; tubes equal or exceed NCCLS specifications for capillary tubes to be used with microhemacrit method.*

AVAILABILITY

Catalog No.	SurePrep Capillary Tubes:
	PLAIN
420314	200 tubes – 2 vials, 100/vial:
420315	1000 tubes – 10 vials, 100/vial:
	HEPARINIZED
420316	200 tubes – 2 vials, 100/vial:
420317	1000 tubes – 10 vials, 100/vial:
	PRECALIBRATED
420318	200 tubes – 2 vials, 100/vial:

*National Committee for Clinical Laboratory Standards: Approved Standard H7-A3 Third Edition, (2000) "Procedure for Determining Packed Cell Volume by the Microhematocrit Method."

Operation

- 1 Spin only balanced loads. Use only Mylar Coated or plastic capillary tubes. Make sure that capillary tubes are placed opposite each other. Proper sample balancing will improve sample separation and will extend the life of the centrifuge. Out-of-balance loads may damage the centrifuge.
- 2 Be certain to follow the instructions on the included vial of capillary tubes when drawing the specimen and sealing the tube. **IMPORTANT:** The tubes must be sealed on the dry end – the end opposite from the one in which the specimen was drawn. Improper technique can result in the sealant and specimen leaking out into the tube shields during centrifugation. Should this happen, the tube shields need to be replaced or removed from the rotor and thoroughly cleaned with hot soapy water and then allowed to dry completely. Failure to do this can cause leakage and/or tube breakage during future runs.
- 3 Set timer for 5 minutes. Unit will begin spinning at full speed (10,000 rpm).
- 4 After unit has stopped, carefully remove the capillary tubes and hold vertically.
- 5 Place the reader card directly behind the tube, and align the top and bottom of the fluid with the 0 and 100 lines.
- 6 The separation line should be read on the graph at the point of the separation.

Note: The separation line will be at an angle, therefore you must read the midpoint of the angle for an accurate percentage.

Specifications

Nominal speed:	10,000 RPM (+/- 500)*
Max. volume:	4 - 75mm capillary tubes
Max. power:	12 volt DC
Height:	4.5 inches
Width:	6 inches
Depth:	8 inches
Weight:	3.3 lbs.
Boxed dimensions:	11.5 x 10 x 7 inches
Boxed weight:	5.5 lbs.

* These are average speeds which vary slightly between units, and with load size. Please use a LW Scientific tachometer for actual RPMs on your unit, and for calibration purposes.