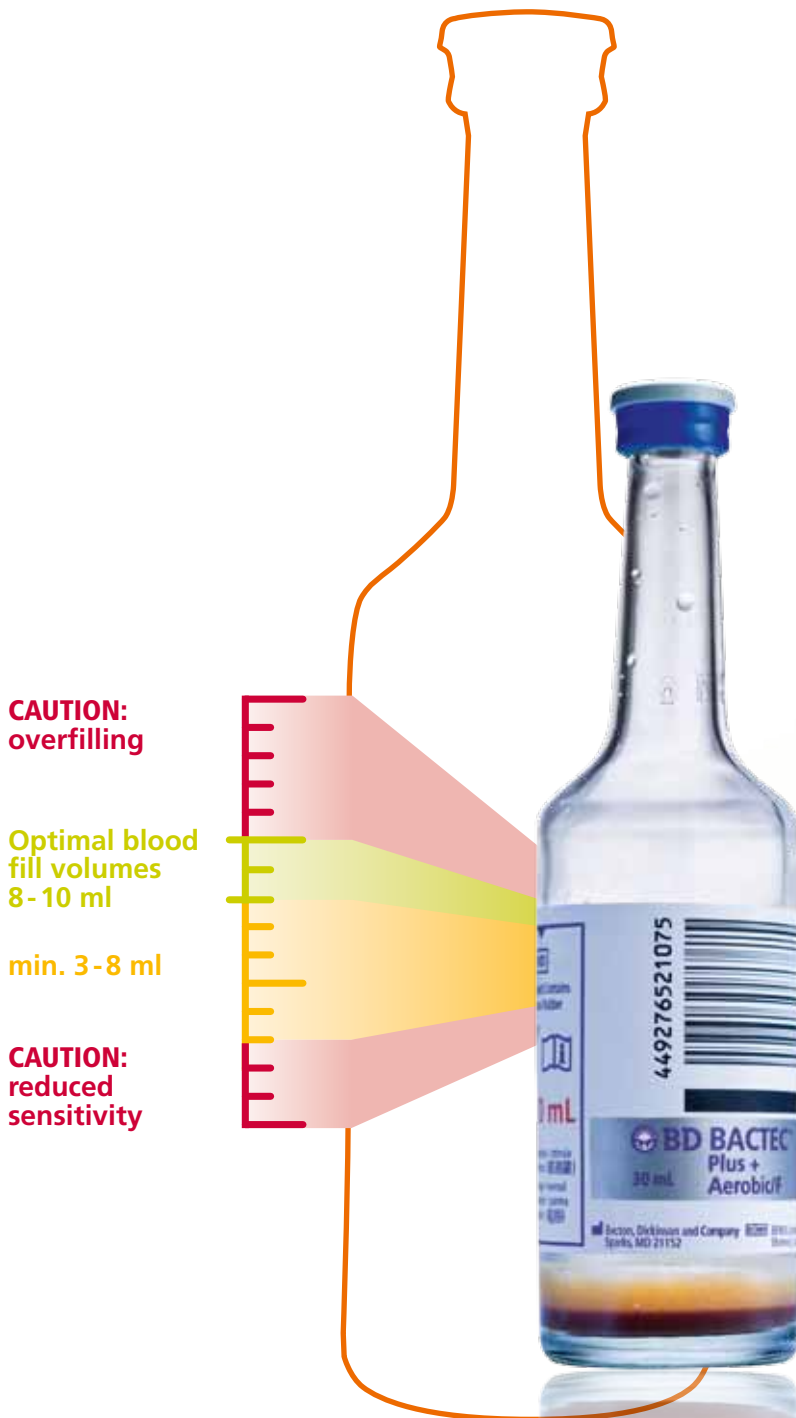


BD BACTEC™ Blood Volume Monitoring

Automatic Determination of Blood Volumes Collected in BD BACTEC™ PLU

More or less really matters.



- Optimal blood fill volumes critically determine the diagnostic yield of your blood cultures. Each ml of blood, up to 10 ml, can increase the sensitivity of the blood culture by 3–5%^{5, 6}. While overfilling of bottles may cause false-positivity, underfilling reduces the sensitivity of blood cultures.
- Laboratories should routinely monitor the volume of blood cultured as a quality assurance activity and provide feedback to clinical staff to insure an adequate volume of blood is drawn for blood culturing.
- However, manual blood volume monitoring is time consuming and tedious, therefore not commonly done.