



Bacterial Detection QC for Platelets

United Blood Services performs bacterial detection testing on all platelet products supplied to our hospitals. UBS utilizes the Bac/T Alert microbial detection system (bioMérieux), a culture based system approved by FDA. This is a QC (quality control) test only and has not been mandated by the FDA prior to release of the platelet product. Because this is a QC test, there will be no additional label on the product to indicate if bacterial detection was complete or incomplete.

This is in compliance with:

- College of American Pathologists (CAP) TRM.44955 Bacterial Contamination in Platelets
 - The laboratory has a validated system to detect the presence of bacteria in platelet components.
 - Evidence of compliance - Records for the testing of platelet components for bacterial contamination AND/OR agreement with the blood supplier to received pre-tested platelet components.
- AABB Standards 5.1.5.1 and 5.1.5.1.1.
 - **5.1.5.1** The blood bank or transfusion service shall have methods to limit and to detect or inactivate bacteria in all platelet components. Standard 5.6.2 applies.
 - **5.1.5.1.1** Detection methods shall either be approved by the FDA or validated to provide sensitivity equivalent to FDA-approved methods.