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Mixed Titer Bacteria Panel for Platelets (Part Number 0820000)

Intended Use

The Mixed Titer Bacteria Panel for Platelets Panel is a 12-member panel of samples for testing the performance of laboratory personnel using a post-storage bacterial detection test. **This product is for research use only.**

Product Description

This panel contains 12-members. Some of the samples are negative and should not produce a positive signal. Positive samples should yield a wide range of signal strengths. Each vial contains 0.1 ml of sample.

Sample Number	Sample ID	Platelet PGD [®] Test
1	<i>Bacillus thuringiensis</i>	Detected
2	<i>Escherichia coli</i> (low)	Detected
3	Negative	Not Detected
4	<i>Staphylococcus aureus</i> (low)	Detected
5	<i>Enterobacter aerogenes</i>	Detected
6	<i>Pseudomonas aeruginosa</i>	Detected
7	<i>Staphylococcus aureus</i> (high)	Detected
8	<i>Streptococcus dysgalactiae</i>	Detected
9	<i>Klebsiella pneumoniae</i>	Detected
10	<i>Staphylococcus epidermidis</i>	Detected
11	Negative	Not Detected
12	<i>Escherichia coli</i> (high)	Detected

® Platelet PGD Test is a registered trademark of Verax Biomedical Inc.

Precautions

This product contains potentially infectious organisms. **Use Universal Precautions.** All manipulations should be done within the confines of a biological safety cabinet.

Storage and Handling

To maximize the shelf-life of the Mixed Titer Bacteria Panel for Platelets Panel it should be stored $\leq -65^{\circ}\text{C}$. The panels can be stored at -20°C for short periods of time with minimal loss of activity. Do not use a frost-free freezer. Do not thaw and refreeze the samples. Samples should be run within 30 minutes of thawing.

After the samples to be tested have been thawed for 15 minutes, ensure that the sample is in the bottom of the tube before adding the platelets.

Instructions for Use

Platelets

1. Platelets used for testing and reconstitution should be transfusion quality, 2-7 days post-collection and stored properly (22°C, rocking). The platelets should show no signs of deterioration or coagulation. The pH should be above 6.2.
2. Following the manufacturer's instructions test the platelet sample to ensure that it is non-reactive prior to using the platelets to reconstitute the panel members.

Panel

1. Samples to be tested should be thawed at room temperature for 15 minutes prior to use.
2. Ensure that the sample is in the bottom of the tube before adding the platelets.
3. Reconstitute the samples with 1 ml platelets. Mix by gentle inversion. Do Not Vortex.
4. Perform the bacterial detection test per the instructions of the manufacturer, including the volume of sample to use and the number of samples to test in a single session.

All products are for Research Use Only and not for *in vitro* Diagnostic Use

Package Inserts are provided for product evaluation purposes only and are not intended to be used in place of the Package Insert shipped with the product.