

Supplement table 1 Detection of bacterial contaminants in platelet products using BacT/ALERT® culture system compared with colony count during storage periods.

Bacterial strains	Storage periods of platelet products					
	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5
<i>S. aureus</i> (ATCC29523)	5/5 ^a No visible colony	5/5 (1.7 x10 ³ CFU/ml) ^b	5/5 (1.3x10 ⁸ CFU/ml)	5/5 (5.0x10 ⁸ CFU/ml)	5/5 (6.6x10 ⁸ CFU/ml)	5/5 (1.4x10 ⁹ CFU/ml)
<i>S. epidermidis</i>	5/5 No visible colony	5/5 (0 CFU/ml)	5/5 (2.2x10 ³ CFU/ml)	5/5 (8.4x10 ⁵ CFU/ml)	5/5 (9.5x10 ⁶ CFU/ml)	5/5 (1.2x10 ⁸ CFU/ml)
<i>B. cereus</i>	3/5 No visible colony	5/5 (1.9 x10 ³ CFU/ml)	5/5 (2.0x10 ⁸ CFU/ml)	5/5 (4.1x10 ⁸ CFU/ml)	5/5 (6.9x10 ⁸ CFU/ml)	5/5 (7.8x10 ⁸ CFU/ml)
<i>E. coli</i> (ATCC25922)	5/5 No visible colony	5/5 (1.8 x10 ³ CFU/ml)	5/5 (1.1x10 ⁸ CFU/ml)	5/5 (2.4x10 ⁸ CFU/ml)	5/5 (2.2x10 ⁸ CFU/ml)	5/5 (2.9x10 ⁹ CFU/ml)
<i>S. marcescens</i>	5/5 No visible colony	5/5 (8.8 x10 ² CFU/ml)	5/5 (7.4x10 ⁴ CFU/ml)	5/5 (2.6x10 ⁹ CFU/ml)	5/5 (1.1x10 ¹⁰ CFU/ml)	5/5 (1.2x10 ¹⁰ CFU/ml)

^a Number of positive signal detections by BacT/ALERT® culture system/replicates

^b Bacterial concentration acquired by colony count assay