**Table S1: Median percent recovery of five organisms using Swabs (flocked vs. foam)**

**from three Surface areas (26cm2, 323cm2, 645cm2) and two Surface types (steel vs. plastic)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Organism** | **Surface Type α** | **Sampling Tool** | **% R (SD) for 26cm2** | **% R (SD) for 323cm2** | **% R (SD) for 645cm2** |
| **AB** | **Steel** | **Flocked** | **28.7% (4.3%)** | **2.7% (1.4%)** | **0.3% (1.1%)** |
|  |  | **Foam** | **25.7% (4.2%)** | **0.3% (1.9%)** | **0.1% (0.1%)** |
|  | **Plastic** | **Flocked** | **18.3% (4.1%)** | **1.5% (0.1%)** | **0.1% (0.02%)** |
|  |  | **Foam** | **26.8% (4.1%)** | **1.2% (0.2%)** | **0.1% (0.3%)** |
| **CD** | **Steel** | **Flocked** | **49.6% (7.7%)** | **7.0% (3.2%)** | **4.8% (2.3%)** |
|  |  | **Foam** | **59.7% (8.2%)** | **9.2% (2.3%)** | **4.8% (2.4%)** |
|  | **Plastic** | **Flocked** | **33.5% (5.9%)** | **1.3% (0.2%)** | **0.6% (0.2%)** |
|  |  | **Foam** | **35.0% (7.2%)** | **6.8% (0.7%)** | **1.2% (0.4%)** |
| **KPC** | **Steel** | **Flocked** | **14.0% (1.8%)** | **0.2% (0.1%)** | **0.2% (0.06%)** |
|  |  | **Foam** | **35.1% (1.4%)** | **0.2% (1.4%)** | **0.1% (0.09%)** |
|  | **Plastic** | **Flocked** | **14.0% (1.7%)** | **0.13% (0.04%)** | **0.04% (0.02%)** |
|  |  | **Foam** | **4.9% (1.8%)** | **0.04% (0.05%)** | **0.01% (0.1%)** |
| **MRSA** | **Steel** | **Flocked** | **41.1% (4.4%)** | **4.3% (1.1%)** | **0.2% (0.8%)** |
|  |  | **Foam** | **41.3% (5.1%)** | **3.9% (0.9%)** | **0.2% (0.1%)** |
|  | **Plastic** | **Flocked** | **34.8% (4.5%)** | **2.6% (0.6%)** | **0.1% (0.1%)** |
|  |  | **Foam** | **23.7% (3.1%)** | **0.4% (0.2%)** | **0.06% (0.03%)** |
| **VRE** | **Steel** | **Flocked** | **34.0% (5.9%)** | **2.2% (0.5%)** | **1.5% (0.7%)** |
|  |  | **Foam** | **43.5% (4.4%)** | **3.0% (1.5%)** | **0.4% (1.6%)** |
|  | **Plastic** | **Flocked** | **34.5% (4.5%)** | **6.0% (1.5%)** | **0.6 (0.4%)** |
|  |  | **Foam** | **43.5% (5.9%)** | **6.1% (1.4%)** | **2.1% (0.5%)** |

α Both Steel and Plastic were inoculated with each organism (*AB*, *CD*, *KPC*, *MRSA*, *VRE*) suspended in an artificial test soil suspension matrix (104 - 105 CFU/ coupon) and dried for 1h, then flocked and foam swabs were used to sample surfaces. Median percent recovery was calculated relative to the inoculum.