

抗血栓 / 熱可塑性エラストマー Zelas™ AMP

■特徴

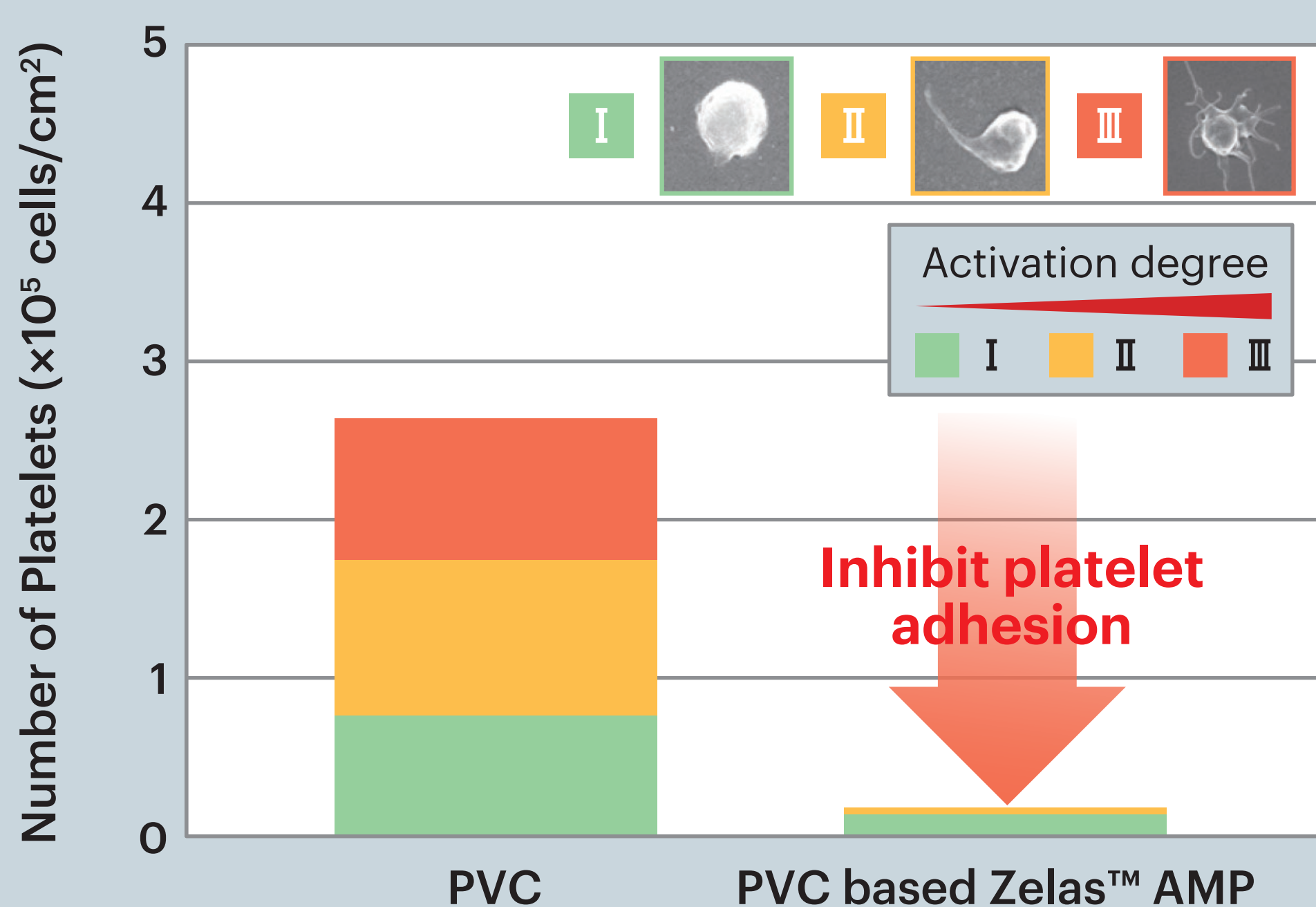
- ✓血液凝固、血清タンパク、細菌の低付着性
- ✓コーティング工程不要
- ✓軟質PVCチューブ、ウレタンチューブへの適用

■用途例

- ✓ECMOなどの人工心肺回路、透析回路
- ✓血液バック、血液接触物品



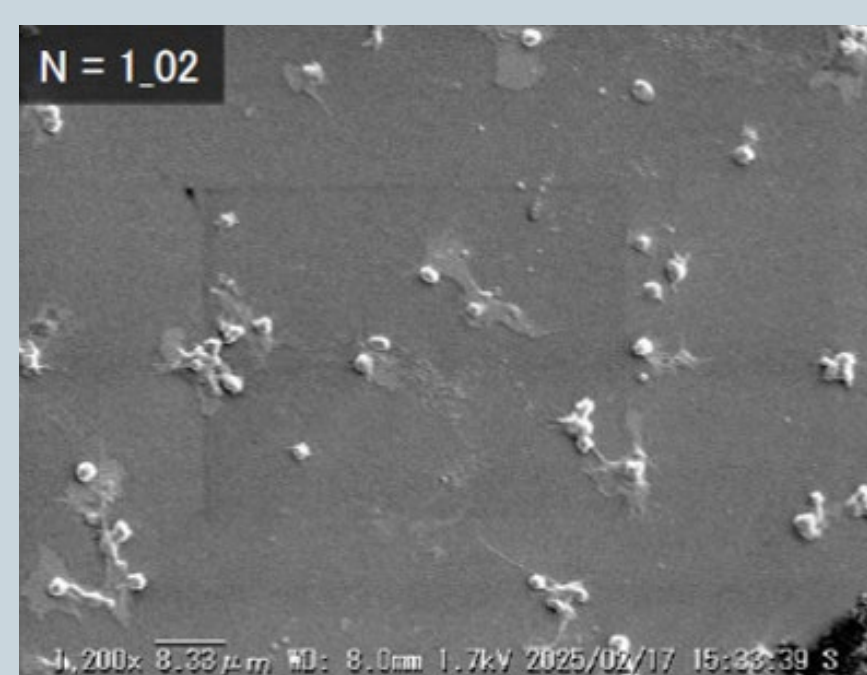
血小板粘着試験



Platelet evaluation by Kyushu University in Japan

Condition ; Samples are immersed human blood in 1hr.
Counting platelet cell and structure by SEM.
SEM images pictures are immersed in 5h.

血小板粘着試験後のSEM画像

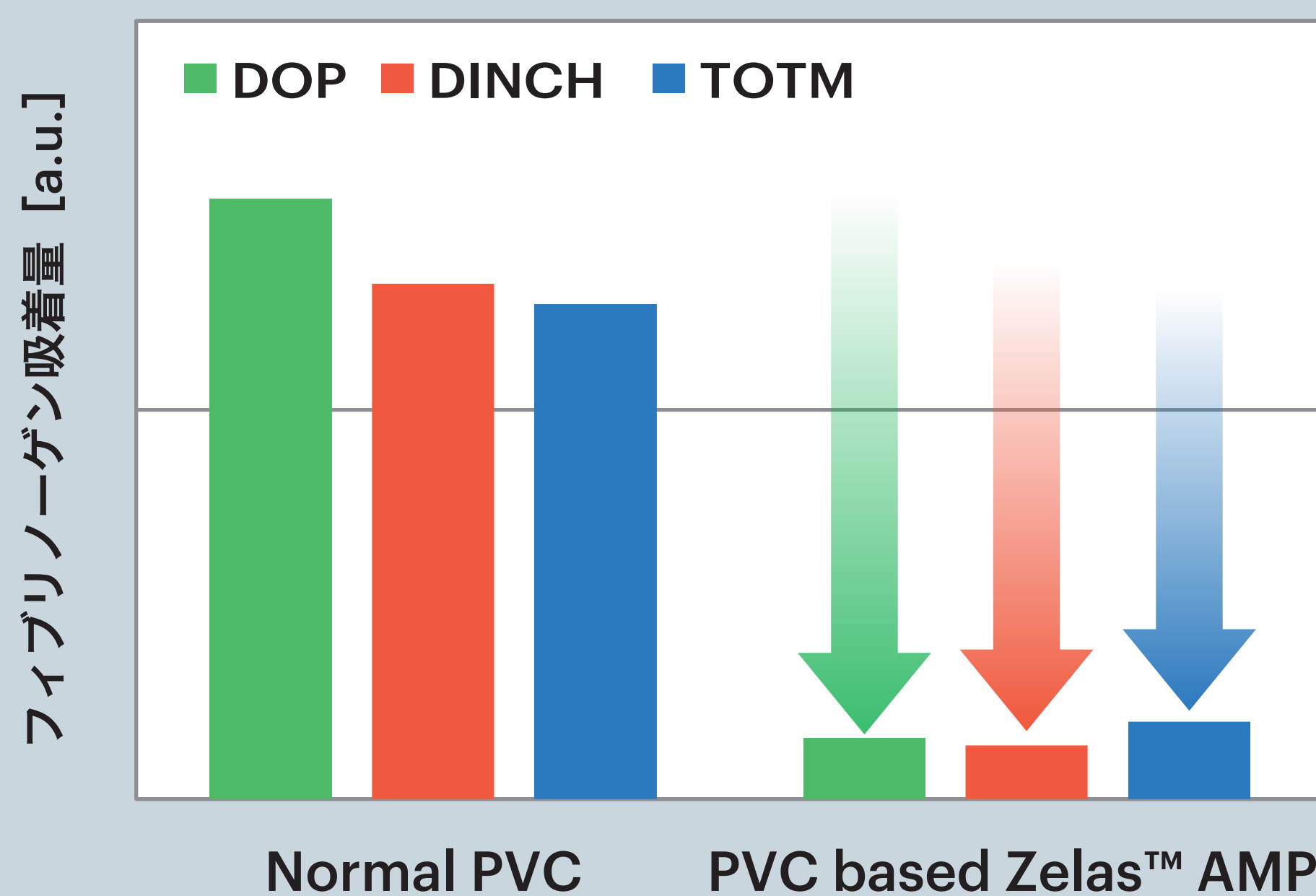


Normal PVC



PVC based Zelas™ AMP

低タンパク吸着試験

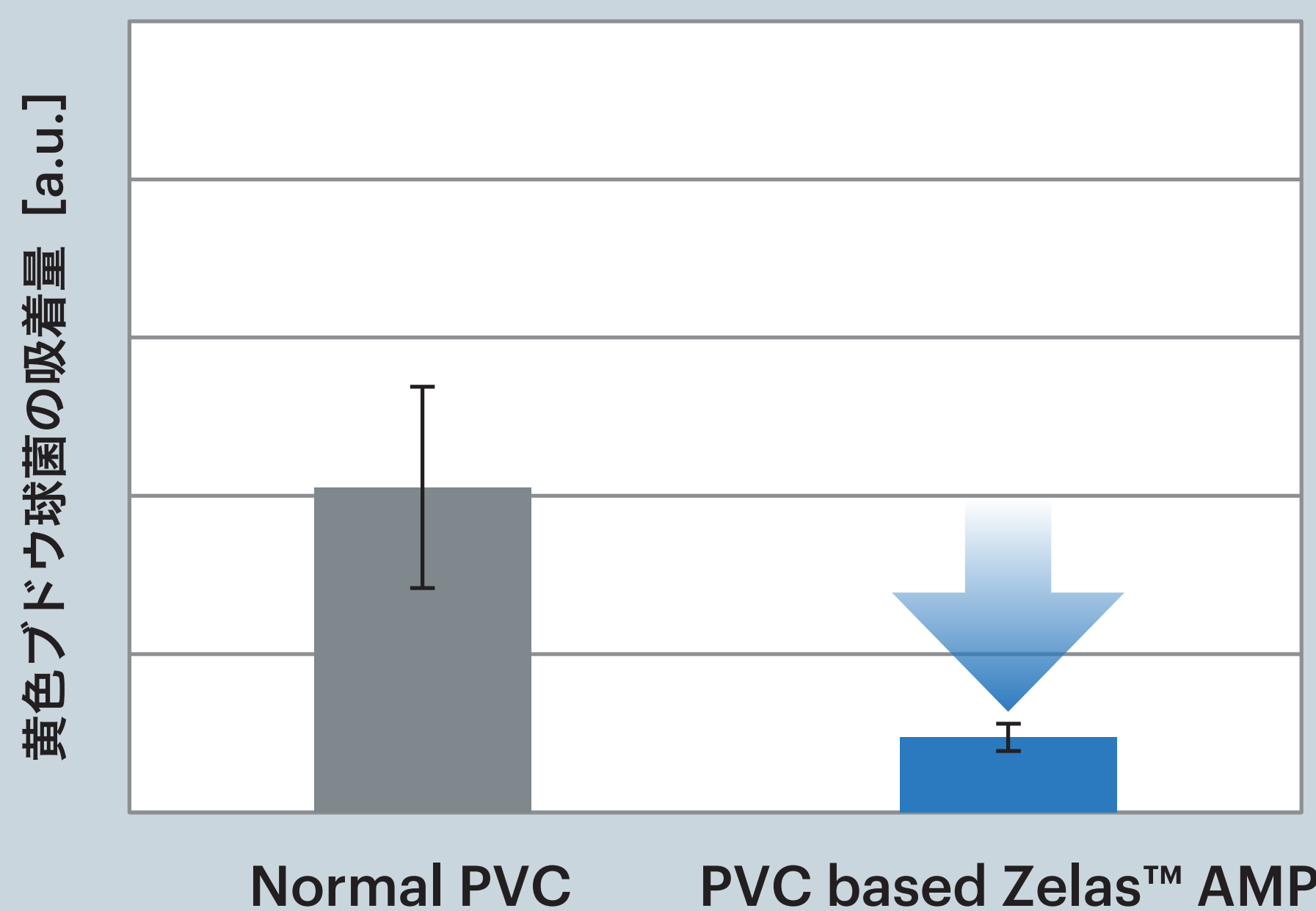


Drug condition ; Human Fibrinogen 0.3mg/mL, 37degree C, 2hr

Evaluation method ;
Protein quantification was performed using the Thermo
Fisher μ -BCA test kit.

Notes: All procedures and evaluations were done at
the laboratory in Mitsubishi Chemical Corporation

細菌低付着試験



Evaluation method ;
MCC method