

BIOTIN COATED SURFACE

TECHNICAL NOTE N. 20

Evaluation of binding specificity towards Streptavidin-peroxidase conjugate

1. Dilute streptavidin-peroxidase conjugate from 2000 to 125 ng/ml with 0.1 M PBS pH 7.2 containing 0.2 % BSA
2. Add 100 μ l of each dilution to the wells of Biotin coated plate and incubate 60' R.T.
3. Leave blank wells as control
4. Empty the wells and wash with 0.1M PBS pH 7.2 + 0.05% Tween[®] 20 four times
5. Add 100 μ l /well of TMB substrate solution and incubate 10 minutes at room temperature
6. Stop the substrate reaction by adding 100 μ l of sulphuric acid 1 N and read the optical density values at 450 nm

