

Proteros Reporter Displacement Assay

A HT Binding Assay for Affinity, Kinetic and Thermodynamic Profiling

Advantages

- HT access to kinetic and thermodynamic data
(homogeneous assay in 384 well format, >300 kinetics are measured in parallel)
- Low protein consumption
(nM protein conc, 10 μ l assay volume)
- No limitation due to ligand affinity
(K_d can be measured from nM to mM)
- No limitation due to target protein size
(applicable for full length proteins, protein complexes, proteins in cell lysates, membrane proteins)
- No limitation due to compound/fragment size
- No protein immobilization required
- Assay established for > 100 target proteins
(Gallery Assays)

*Reporter probes derive from:
small molecules, co factors, peptides, proteins, antibodies etc.

Technology

