

## Test your interaction in vitro with 1-by-1 HTRF®

You would like to test an interaction in vitro  
and check whether binding is direct?

>> Try our 1-by-1 HTRF interaction assay,  
based on Homogeneous Time-Resolved Fluorescence,  
a highly sensitive and robust Time-Resolved FRET technique

Your two proteins are produced in bacteria as fusions to different tags, and labeled either directly or indirectly with anti-tag antibodies coupled to a fluorescence donor and acceptor. Our multi-tag approach and the use of the two donor-acceptor orientations for each protein pair allow to systematically investigate a large panel of combinations, thus increasing the chance of proper protein folding and fluorescence transfer. Because the assay is homogeneous and requires only low nanomolar concentrations of proteins, multiple interactions can be evaluated simultaneously in a 384-well format. This makes 1-by-1 HTRF the perfect output to confirm ULTimate Y2H® interactions in another system for publication! Our HTRF and Y2H plasmids are fully compatible for direct and efficient subcloning. Save time and energy! Why not screen your interaction with small molecules to identify inhibitors using our Small Molecule Screening services. Bring your functional validation to a new level!

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