Confluence
DISCOVERY TECHNOLOGIES
An Aclaris Therapeutics Company

TECHNICAL BRIEF
LI-COR® Odyssey CLX

The Odyssey® CLx Infrared Imaging System is a direct near-infrared fluorescence detection system. The imager is based upon the LI-COR industry-standard Odyssey Classic system. The Odyssey® CLx provides better data with its proven quantitative Western blot capability, while not compromising on the sensitivity researchers have grown accustomed to with film. The Odyssey® CLx offers versatility in research through numerous applications, including Western blots, In-Cell Western™ Assays and other plate-based assays and cell-based assays.

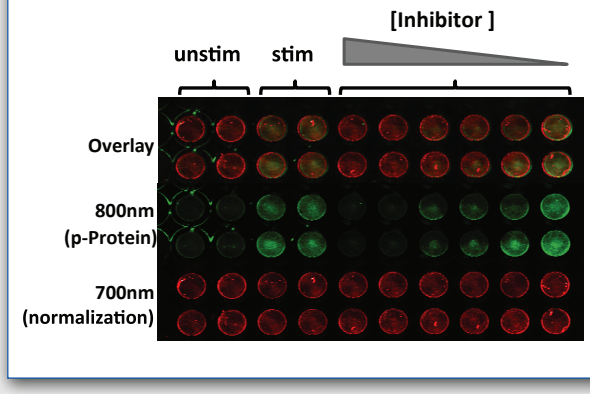
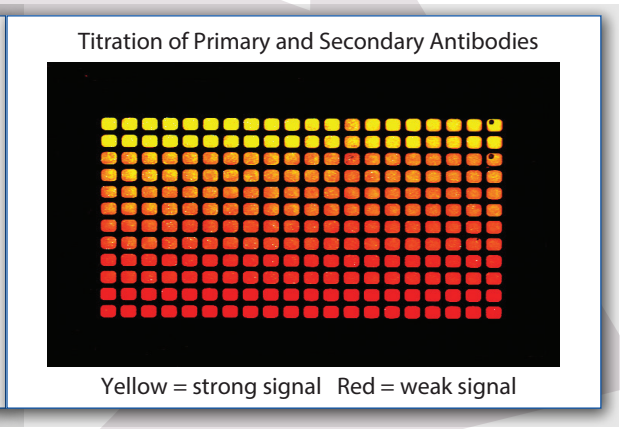
Applications

In-Cell Western Assay

Quantitative IR Western Blots

Multiplex Detection

Assay Development

The Confluence Discovery Technologies (Confluence) team can advise on the most suitable assay procedure depending on the requirements of the client including:

- In Cell and On Cell Westerns with attached or suspended cells in 96 or 384 well format
- Cell normalization with control IR-Dye for increased accuracy
- Quantitation of antibody signal
- Detection of two targets with the same blot
- Wide linear range of signal with IR-Dye