

Intertek Alta Immunochemistry provides GLP-Compliant ECL Bioanalytical Methods

The majority of bioanalytical projects at Intertek Alta Immunochemistry still utilize standard enzyme-linked immunosorbent assay (ELISA) methodologies, whether developed *de novo* for a proprietary compound or utilizing commercial kits. Our laboratory has also

validated the software, equipment, and procedures to apply electrochemiluminescent (ECL) methodologies for routine bioanalysis. Our ECL methods utilize the SECTOR™ Imager 2400 by Meso Scale Discovery (MSD®).

When comparing ECL and ELISA assays side-by-side, we have found the following advantages for ECL methodologies:

QUANTITATIVE ANALYSES FOR PROTEIN DRUG LEVELS

- *the upper range of quantitation was increased 200 fold*
- *the lower limits of quantitation were comparable*
- *the total assay time was decreased by several hours*

QUALITATIVE DETERMINATION OF ANTI-DRUG ANTIBODY LEVELS

- *the assay sensitivity doubled*
- *an increased tolerance for drug interference*
- *again, the total assay time was decreased by several hours*

Intertek Alta Immunochemistry provides GLP-compliant ELISA and ECL assays for use in qualitative immuno-genicity assays and quantitative assessment of

macromolecules. Contact us for additional information regarding any of our analytical services.

INTERTEK ALTA IMMUNOCHEMISTRY

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