

Antibody Dependent Cell- Mediated Cytotoxicity (ADCC) Assay

A customizable ADCC assay service for antibodies & fusion proteins.

Our ADCC assay service accurately detects cell lysis based on LDH-release. We use freshly-isolated effector cells (PBMCs), and offer flexible assay specifications to build an assay that fit your needs. Choose from a variety of common target cell lines we have available in-house, or just send us your own.

Assay Specifications

Assays are performed using a 96-well format. Each data point is tested in triplicate, and appropriate assay controls are included.

We can also test your antibody's activity using custom effector or target cell populations (e.g. B cells, NK, neutrophils). Please call us for scheduling and availability.

Step 1: Choose your antibody concentrations (e.g. 5X dilution from 10µg/ml – 0.64ng/ml).

Step 2: Select up to 3 Effector/ Target ratios for testing (some common ratios are 25:1, 10:1 and 5:1).

Step 3: We'll send you a plate layout for your approval.

Step 4: Submit your samples & target cell line, along with a completed Sample Submission Form.

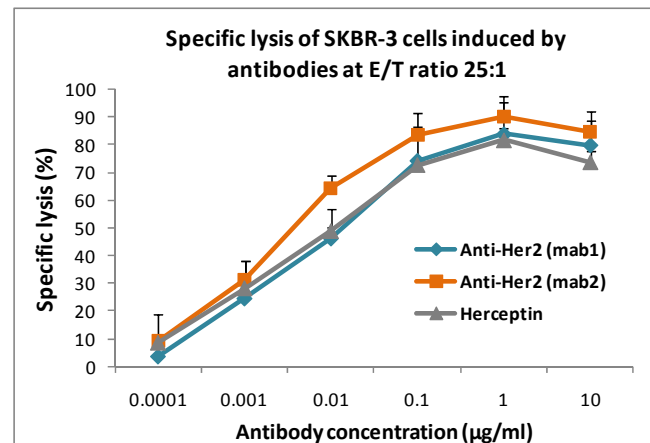
Step 5: We'll culture your target cell line, test your samples for ADCC activity, and send you a comprehensive report with your assay results.

Pricing

1st 96-well plate: \$4,100.00
Each additional plate: \$800.00

Optional Add-ons

- ✓ Repeats using multiple PBMC donors
- ✓ Donor PBMC genotype analysis of FcγRIIIa 158V/F polymorphism
- ✓ FACS binding analysis of antibody to target cells



Turn-Around Time

2 – 3 weeks

* Timeline & pricing may vary depending on your custom assay specifications. Pricing valid through December 31, 2011.