

Antibody-Based Assays

Immunoassays:

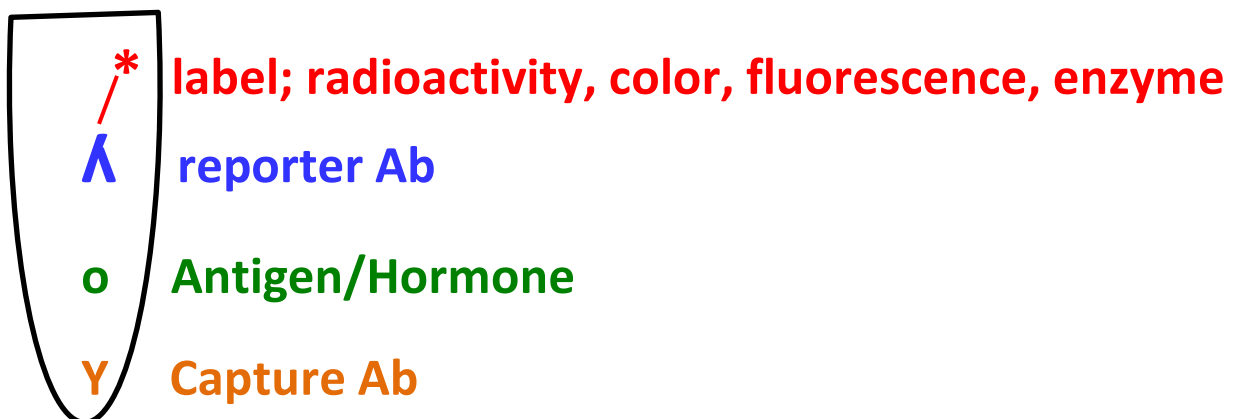
1. Competitive Assay
 2. Noncompetitive Assay
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Competitive:

Antibody is the limiting reagent;
“Molecular game of musical chairs”
Work regardless of size of antigen (hormone) molecules used.

Noncompetitive:

2 complementary antibodies used,
1 is labeled (think “sandwich”)



Limited by size of hormone (it must be big enough to bind 2 Abs at the same time)