



## ELISA Sample Diluents Standard Protocol

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**Catalog #:** KF17353-55

**Sizes:** 100 ml, 500 ml, 1 L, 10 L

**Storage:** All of ICT's assay diluents include an antimicrobial agent to provide a useful shelf-life of 1 year when stored at 2-8C.

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Sample diluent buffer are used to dilute serum or antigen samples so they read within the functional range of the assay. ICT has created 3 proprietary sample diluent formulations for use with antigen-down and sandwich ELISAs.

**Sample Diluent Calculations:** simply multiply the value determined from the curve by your dilution factor. For example, if you diluted your sample 1:2 (250uL sample into 250uL sample diluent) and this yielded an OD of 0.437, when read off the curve, the OD of 0.437 correlated to 200 pg/mL, you would simply multiply 200pg/mL by 2 (your dilution factor) yielding a value of 400pg/mL, meaning that the original starting sample had 400pg/mL of analyte present.

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FOR RESEARCH USE ONLY

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