



ELISA Best Practice Tips

Sandwich ELISA process

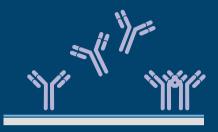
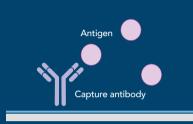


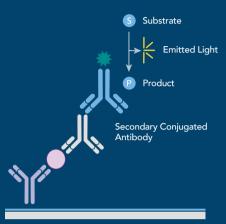
Plate coating with capture antibody and blocking



Addition of sample controls and standards



Addition of primary detection antibody



Addition of secondary conjugated and substrate for signal detection

ELISA best practice



Bring reagents to room temperature for 30 mins before use



Pipette at an angle, do not touch the



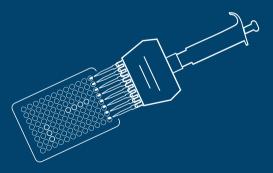
Change pipette tips between different samples and standards



Ensure assay accuracy by **running**

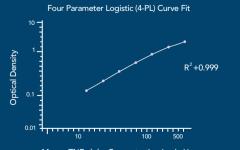


Closely follow the recommended incubation conditions: time and temperature



Calibrated multi-channel pipettes

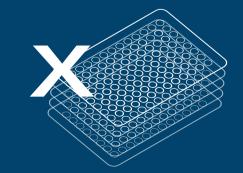
bottom of the well



Mouse TNF-alpha Concentration (pg/mL)

duplicates or triplicates for every point

increase reliability of results



Use an **automated plate washer** for

Avoid stacking plates for cold and warm incubations

Use a 4PL curve fit (not linear regression)

lowest background

Antibodies | ELISA kits | Proteins

