



Minimal Reporting Standards Data Collection Work Sheet for Western Blot Research with the BlotCycler™

- Primary Antibody:** Company _____ Catalog # _____ Lot # _____
Antigen: _____ Protein Samples (____ μg/well) separated on _____
Monoclonal _____ Polyclonal _____ (Lot # _____)
Transferred to _____ membranes (Catalog # _____ Manufacturer _____)
- Secondary Antibody:** Company _____ Catalog # _____ Lot # _____
Monoclonal _____ Polyclonal _____
Antigen: _____ Protein Samples (____ μg/well) separated on _____
Monoclonal _____ Polyclonal _____ (Lot# _____)
Transferred to _____ membranes (Catalog # _____ Manufacturer _____)
- Molecular mass of band of interest** _____
- Amount of Total protein loaded onto the gel** _____ %
- Blocking reagent:** Type _____ Amount _____
Extent of use _____
- Primary Antibody Washing:**
Type of buffer _____ Washing solution _____
Length of Washing times _____ Number of washes _____
Or BlotCycler™ protocol _____
- Secondary Antibody Washing:**
Type of buffer _____ Washing solution _____
Length of Washing times _____ Number of washes _____
Or BlotCycler™ protocol _____
- Incubation of Primary Antibody:**
Amount of Primary Antibody used _____ Type of buffer _____
Amount of buffer _____ Time of incubation _____ Temp _____ °C
Or BlotCycler™ protocol _____
- Incubation of Secondary Antibody:**
Amount of Secondary Antibody used _____ Type of buffer _____
Amount of buffer _____ Time of incubation _____ Temp _____ °C
Or BlotCycler™ protocol _____
- Reagent used for detection:**
Company of manufacture _____ Catalog # _____
Length of incubation _____
- Image collection:** X-ray _____ Commercial imaging _____
- Analysis:**
Software version # _____
Company of manufacture _____
Steps of quantification _____