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Jess western blot automated system

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We use this protocol and it's working

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Abstract

Brief description of preparation of samples for Jess western blot automated system. Detailed instructions are included with the reagent pack.

Preparation of samples for Jess

1 There is a detailed instruction included in the reagent pack from Bio Techne. The protocol was applied without changes.

2 Open EZ Standard pack. Reconstitute DTT (40 uL dH2O), Fluorescent 5X Master Mix (20 uL 10X Sample buffer and 20 uL DTT) and Biotinylated Ladder (20 ul dH20)

3 Dilute 10x sample buffer to 0.1x sample buffer in dH2O

4 Combine one-part fluorescent master mix with four parts of sample (final concentration of 1 µg/µl)

5 Boil samples and biotinylated ladder at 95 °C for 5 min

6 Load Separation Capillary Cartridges with 3 ul of sample per well and antibodies

7 Spin plate at 1000 x g for 5 min

8 Load Separation Capillary Cartridges with wash buffer, luminol-peroxide mix and RePlex reagent (if running replex protocol)