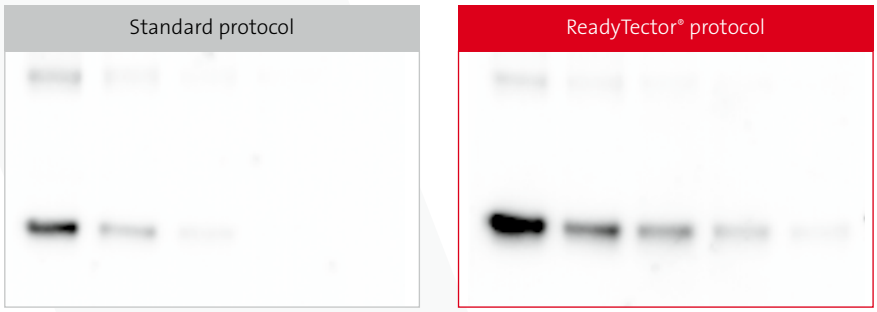
COMPARISON OF RESULTS

Comparable results obtained with standard Western blotting protocol or ReadyTector® protocol and ReadyTector® Chemiluminescent Substrate



Lanes 1–5 contain 22, 11, 5.5, 2.8, 1.4 ng Alpha-1-Antitrypsin spiked in cell lysates, respectively.

Protein detection: Mouse anti-A1AT Clone 1AT (Biotrend), 0.2 µg/mL on nitrocellulose.

The primary antibody for A1AT should only show one band. Additional weak signals show non-specific extra bands.

ReadyTector® reduces background, allowing users to generate clear, distinct bands suitable for publishing.

Fast multianalyte detection without fluorescence

Abb. 1: GAPDH

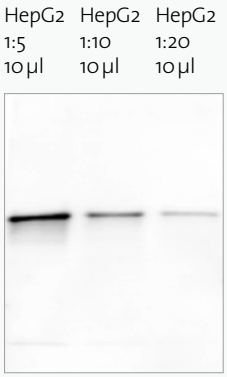


Abb. 2: NFκB p65

Abb. 3: GAPDH + NFκB p65

Figures 1–2 show detection with two different primary antibodies and figure 3 shows a one-step multianalyte detection with both primary antibodies.

Lanes 1–3 contain 10 µL HepG2 lysat, respectively.

Fig. 1: Detection with ReadyTector® Anti-Rabbit-HRP and Anti-GAPDH (110 ng/mL).

Fig.2: Detection with ReadyTector® Anti-Rabbit-HRP and Anti-NFκB p65 (200 ng/mL).

Fig.3: Multianalyte detection with ReadyTector® Anti-Rabbit-HRP, Anti-GAPDH (110 ng/mL) and Anti-NFκB p65 (200 ng/mL) in one step.

Therefore several proteins on the membrane can be detected in one step. This saves time and stripping and re-probing steps.

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