

WesternFroxx Kit anti-Mouse HRP*For one-step immunoblotting; contains WesternFroxx solution with anti-Mouse-HRP and 10X washing solution*

5555KT040 2 x 40 ml

5555KT120 2 x 120 ml

5555KT500 2 x 500 ml

WesternFroxx Kit anti-Rabbit HRP*For one-step immunoblotting; contains WesternFroxx solution with anti-Rabbit-HRP and 10X washing solution*

6666KT040 2 x 40 ml

6666KT120 2 x 120 ml

6666KT500 2 x 500 ml

WesternFroxx washing solution, 10X

5570ML500 500 ml

ECL-Froxx Kit

5560KT060 2 x 60 ml

5560KT120 2 x 120 ml

5560KT500 2 x 500 ml

CrossFroxx*Buffer for minimizing nonspecific binding, cross-reactivities and matrix effects in immunoassays*

1056ML050 50 ml

1056ML125 125 ml

1056ML500 500 ml

Casein blocking solution

1080ML050 50 ml

1080ML125 125 ml

1080ML500 500 ml

Peptide blocking solution

1095ML125 125 ml

1095ML500 500 ml

BSA blocking solution

1550ML125 125 ml

1550ML500 500 ml

10X PBS washing solution

1559ML500 500 ml

Stripping buffer

1621ML050 50 ml

1621ML125 125 ml

1621ML500 500 ml

High Speed with WesternFroxx



Blocking Primary antibody Secondary antibody

One Solution – One Step – WesternFroxx

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WesternFroxx for Immunodetection – What is it and how does it work?!

WesternFroxx enables **immunodetection in one step with one solution only!** Blocking and binding of the primary and secondary antibody occur simultaneously with highest specificity and sensitivity! And the conventional incubation time can even be reduced to 15-60 minutes. Blotting procedure, membranes and signal detection do not have to be modified with WesternFroxx. The only preparation: the user has to add his or her

specific primary antibody to WesternFroxx Solution 2 – and here we go! After incubation with the antibody containing WesternFroxx Solution 2, the membrane is finally washed with the provided washing solution (Solution 1), and proteins are detected by ECL or other HRP substrates. WesternFroxx is available as anti-Mouse-HRP (order number 5555) and anti-Rabbit-HRP (order number 6666).

Standard protocol



WesternFroxx protocol



*15 - 60 min of incubation with WesternFroxx Solution 2 + primary antibody

Before you start

- Transfer your proteins to the membrane of choice (PVDF, nitrocellulose) as usually
- Dilute the provided 10X washing buffer (Solution 1) with water
- Add your primary antibody into 20 ml of WesternFroxx Solution 2. The final concentration of the antibody should be 0.2 to 0.5 micrograms / ml

Experimental protocol

- Wash the membrane 3 x 5 min. while shaking with 20 ml of 1 x Solution 1 (minigel)
- Incubate the membrane with WesternFroxx Solution 2 (containing your primary antibody of choice) for 15 min. to 1 hour.
Cautio! The WesternFroxx solution can be reused up to 5 times. Keep it in the fridge.
- Wash the membrane again for 3 x 5 min with 1X Solution 1
- Start the detection with ECL-Solution (we recommend ECL-Froxx, order number 5560).

Result

Maximum protein detection with minimal time expenses – clear bands without background noise! WOW!



WesternFroxx protocol

Lanes 1 and 2 contain 10µl of HepG2 cell lysate each; 1:5 (1) and 1:10 (2) diluted. Anti-NFκB p-65 (200 ng/ml) was used as primary antibody.
a) WesternFroxx Anti-Rabbit HRP/ anti-NFκB p-65; 1h of incubation.
b) Step-by-step incubation with anti-NFκB p-65 and anti-rabbit-HRP for 1h each after membrane blocking.



Standard protocol

Conclusion

- Easy to work with
- Incredibly fast
- reduced background; no non-specific reactions
- High sensitivity
- reproducible results