

Standard western blotting protocol vs. SNAP i.d. system



- Optimize in a SNAP!
- Use the same amount of antibody.
- Don't compromise on background signals.

		STANDARD WESTERN BLOT	SNAP i.d. PROTEIN DETECTION SYSTEM
BLOCKING STEP	Time	1 h	20 s
	Concentration	5% NFDM	0.5% NFDM
	Reagent transport	Diffusion	Actively-driven through membrane
PRIMARY ANTIBODY STEP	Time	1 – 18 h	10 min
	Concentration	1x	3x in 1/3 volume (= same quantity)
	Reagent transport	Diffusion	Actively-driven through membrane
WASHING (3X) STEP	Time	3 x 5 min = 15 min	3 x 20 s = 1 min
	Concentration	1x	1x
	Reagent transport	Diffusion	Actively-driven through membrane
SECONDARY ANTIBODY STEP	Time	1 h	10 min
WASHING (3X) STEP	Time	3 x 5 min = 15 min	3 x 20 s = 1 min
TOTAL	Time	4 – 20 h	22 min