



## **AvivaBlot™ ECL Reagents**

**AvivaBlot™ Pico One (OKCF00001)**

**AvivaBlot™ Femto (OKCF00002)**

**AvivaBlot™ Ultra Femto (OKCF00003)**

## **Brief Protocol**

Enhanced Chemiluminescent (ECL) Substrates for Western Blotting

This product is intended for research use only and shall not be used in any clinical procedure or for diagnostic purposes.

Product Name	Catalog, Size	Features
AvivaBlot™ Pico One ECL Reagent	OKCF00001, 1 X 10 mL	One component, premixed RT Storage, ready to use Mid-picogram detection Ideal for everyday detection needs
	OKCF00001, 1 X 250 mL	
AvivaBlot™ Femto ECL Reagent	OKCF00002, 2 X 5 mL	Two component, RT storage, working solution stable for 3 days High range flexibility, mid-femtogram detection Extended signal duration
	OKCF00002, 2 X 125 mL	
AvivaBlot™ Ultra Femto ECL Reagent	OKCF00003, 2 X 5 mL	Two component, RT storage, working solution stable for 3 days Low femtogram detection Market leading sensitivity for rare and precious samples
	OKCF00003, 2 X 50 mL	

1. Perform electrophoresis, membrane transfer and antibody incubation and washes.
2. For AvivaBlot Pico One: Apply Pico One room temperature substrate directly to semi-wet blot using 1 mL per 10 cm<sup>3</sup> of membrane. Standard sized mini blots are 8 X 8 cm, 64 cm<sup>2</sup> requiring ~7 mLs of solution and midi blots are 8.5 X 14 cm, 119 cm<sup>2</sup>, requiring 12 mLs of solution.
3. For AvivaBlot Femto or Ultra Femto: Femto Part A and Femto Part B 1:1 in a conical tube thoroughly. ~7 mLs of solution and midi blots are 8.5 X 14 cm, 119 cm<sup>2</sup>, requiring 12 mLs of solution. Working solutions can be stored at 4° C for up to 3 days but should be warmed to room temperature before use.
4. Apply Femto or Ultra Femto working solution at room temperature directly to semi-wet blot using 1 mL per 10 cm<sup>3</sup> of membrane.
5. Incubate 2 minutes at RT.
6. Expose membrane using chemiluminescent imager or x-ray film. Use plastic wrap to avoid wetting film where appropriate.
  - Exposure time is empirically determined, typical exposures require 60 to 180 seconds.