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Miracle-Femto™ Western Detection System

Let's experience the next level of high sensitivity

The **Miracle-Femto Western Detection System** is designed to detect target proteins in amounts too small to be observed with typical ECL substrates. The system's excellent sensitivity and extended signal duration enable the detection of proteins down to the low **"Femto" grade range**. Furthermore, the prolonged chemiluminescent signal duration allows for both digital and film-based imaging without any loss of signal.

iNtRON Biotechnology

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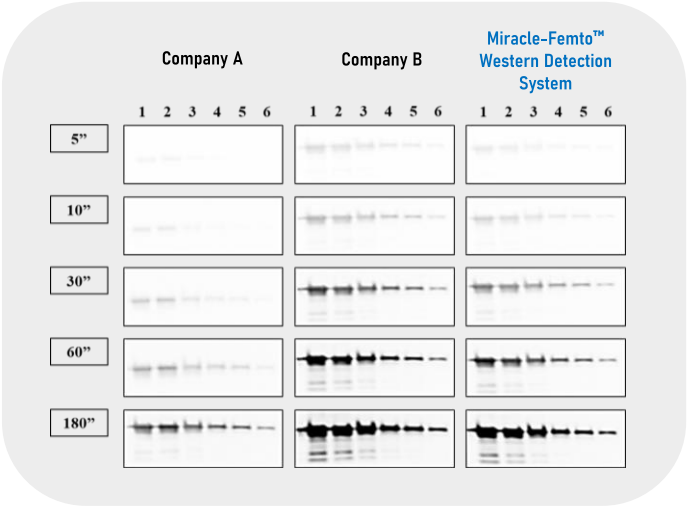
Description

Miracle-Femto™ Western Detection System is a highly sensitive chemiluminescent substrate designed to detect target proteins in Western blot analysis. This cutting-edge substrate offers unparalleled sensitivity, allowing you to visualize even the most low-abundance proteins with exceptional clarity.

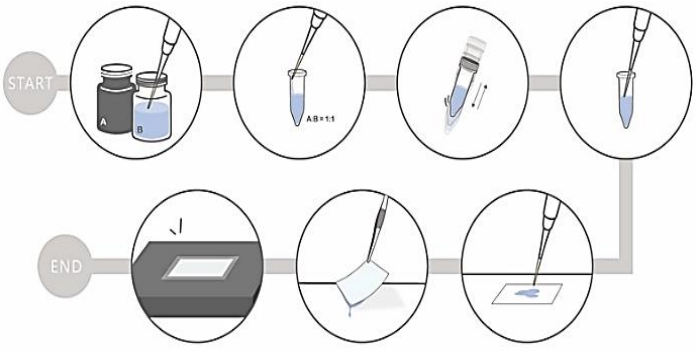
Performance Data



1	2	3	4	5	6
Protein 1000ng	Protein 500ng	Protein 250ng	Protein 100ng	Protein 50ng	Protein 25ng

The blots were simultaneously exposed for 5seconds, 10 seconds, 30 seconds, 60 seconds and 180 seconds and using Chemlux SPX-600 Series digital imaging system.

Protocol



Key Feature

● Femto grade sensitivity

- Detect target proteins with remarkable sensitivity, down to the femto grade range.

● Broad dynamic range

- Achieve a wide linear dynamic range, enabling accurate quantification of target protein levels.

● Rapid and simple protocol

- The easy-to-use protocol minimizes hands-on time and streamlines your Western blotting workflow.

● Stable signal

- Enjoy a stable, long-lasting chemiluminescent signal, providing ample time for image capture and analysis.

Product Information

Product Name	Cat. No.	Size
• Miracle-Femto™ Western Detection System	16032	100 ml
• Miracle-Star™ Western Blot Detection System	16028	200 ml
• GangNam-STAIN™ Prestained Protein Ladder	24052	250 µl
• NomelRT™ Western Blot Stripping Buffer	21112	500 ml
• PRO-PREP™ Protein Extraction Solution (C/T)	17082	100 ml
• SMART™ BCA Protein Assay Kit	21071	2,500 T

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