

EzWestLumi

— **New chemiluminescent substrate for HRP *!** —

2011
New!!

* horseradish peroxidase

■ Economy

guarantees in low costs and high performance

■ Higher sensitivity

detects signals with picogram sensitivity and reproducibly

■ Wide dynamic range

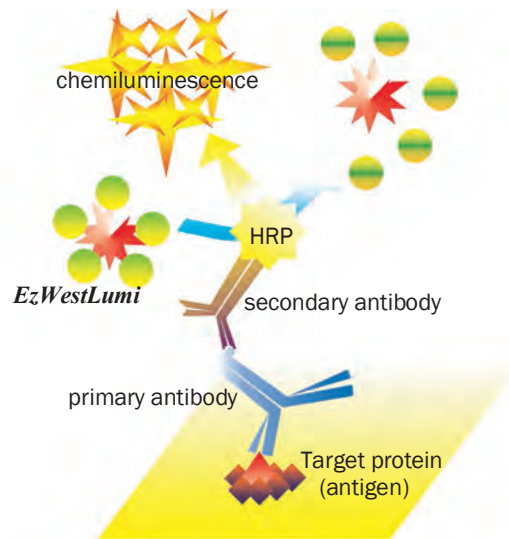
is suitable for detection of various concentrations of protein

■ Quantitative analysis with CCD imager

accurate measurement differences in protein contents

■ Stability

working solution stable more than 24 hours



◆ Component

AE-1495 *EzWestLumi*

Solution A : 200mL, Solution B : 200mL

AE-1496T *EzWestLumi Trial kit*

Solution A : 20mL, Solution B : 20mL

◆ Procedure

Mix solutions A and B in a ratio of 1:1

The required volume of *EzWestLumi* is 100μL per 1 cm² of membrane

◆ Storage

Store in a cold storage (2 - 8 degree C)



Low-cost & High-sensitivity

The three competitors were compared with *EzWestLumi*

Sensitivity

The sensitivity of *EzWestLumi* is the highest in other tested competitors under the same condition

Signal Intensity

The signal intensity of *EzWestLumi* is five-fold higher than other three competitors

Cost

The cost of *EzWestLumi* is lower than any other substrates showing picogram sensitivity

EzWestLumi

Competitor G

Competitor P

Competitor L

20000 5000 1250 312 78 pg/lane



Sample	: Human Transferrin
Primary Antibody	: Anti-human Transferrin antibody x1/10,000 diluted
Secondary Antibody	: Anti-rabbit IgG, HRP conjugated x1/10,000 diluted
Detection	: Ez-Capture II, 5min. exposed

BIOSCIENCE

ATTS

BIOTECHNOLOGY

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