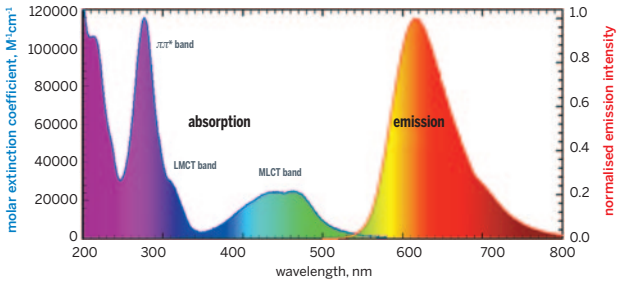
reagents & CHEMICALS

Protein Gel Staining

EZEE RubyPro is a ready to use kit for rapid and sensitive protein staining of 1D and 2D SDS PAGE gels. It enables high contrast and optimal visualization and quantitation of proteins. The staining procedure is a simple 220 minute, three step protocol. The fluorescent stain involves simple dye-binding mechanisms rather than chemical reactions that could alter protein functional groups. Thus, downstream applications are not affected and after staining, proteins can be analysed by mass spectrometry directly. The dye has optimal excitation at 302 and 470 nm, with maximum emission at approximately 610 nm.
EZEE RubyPro can be excited with UV-light transilluminator, 405, 445, 473-488 nm laser sources or 470nm blue LED light source.



KEY FEATURES

- High purity dye: >98%
- Optimal signal to background ratio
- Strong, uniform and reproducible signal from 0.2ng to 10ng protein
- Fast staining protocol (220 min)
- Convenient: ready to use kit - fixing and de-staining solutions included in the kit
- Mass spectrometry compatible

EZEE UltraBlue is a sensitive, safe and environmentally friendly protein stain compatible with mass spectrometry. EZEE UltraBlue is an enhanced Coomassie-based protein stain formulated for fast and sensitive protein detection without the involvement of hazardous chemicals such as methanol and acetic acid. Protein detection limits are as low as 10ng and visualization can be achieved in less than 1 hour

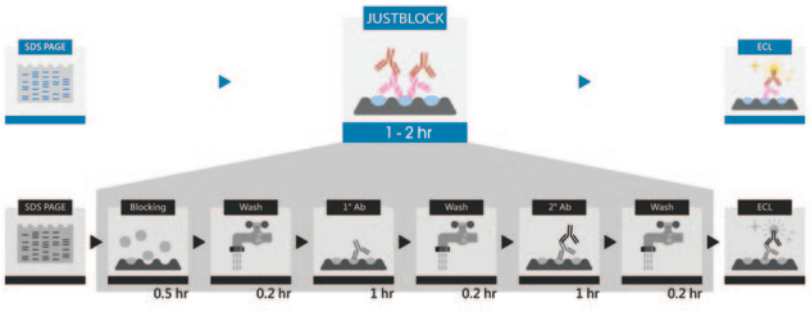
KEY FEATURES

- Applications includes: native PAGE, SDSPAGE, isoelectric focusing, and 2D gels
- Sensitive – detection of protein concentration as low as 10 ng
- Speed - optimal protein bands visualization within 10 minutes
- Safe - absence of hazardous chemicals such as methanol, acetic acid, and other toxic agents

Blocking Buffer

JUSTBLOCK is an all-in-one blocking solution for Western blot analysis. By all-in-one we refer to its capability to perform in only one step, blocking, primary and secondary antibodies hybridization as well as enhancing the signal developed from HRP (horseradish peroxidase) or AP (alkaline phosphatase) substrates. JUSTBLOCK therefore functions as both blocker and enhancer in Western analysis

JUSTBLOCK: Western Blocking Solution and Signal Enhancer



KEY FEATURES

- Time-saving 3 steps in one: Block the membrane and dilute 1° & 2° Abs in one step
- Enhance antibody signal: It shows a two- to five-fold increase in signal intensity for most protein targets, enabling low concentration proteins to be detected
- Universal antibody diluent: Ready-to-use dilution buffer for most 1° & 2° Abs
- Effective with any ECL substrates: the signal can be developed with both HRP (horseradish peroxidase) and AP (alkaline phosphatase) substrates
- Compatible with PVDF & NC membrane: Regardless of the pore size, JUSTBLOCK minimises the background from non-specific protein binding
- Improve protein detection: Improve the binding process of target proteins, so that specific antibodies can bind more effectively

Ordering Information

PROTEIN GEL STAINING		BLOCKING BUFFER	
RubyProS	EZEE Rubypro protein staining kit: Regent A 50ml & Reagent B 50ml; total 100ml	JUSTBLOCK	EZEE JUSTBLOCK Western Blocking solution and signal enhancer, 500ml
RubyProL	EZEE Rubypro protein staining kit: Regent A 250ml & Reagent B 250ml; total 500ml		
BLUEPRO	EZEE UltraBlue protein staining solution, 500ml		

WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.