

For detection of proteins on electrophoresis

Rapid FluoroStain KANTO



Kanto Reagents



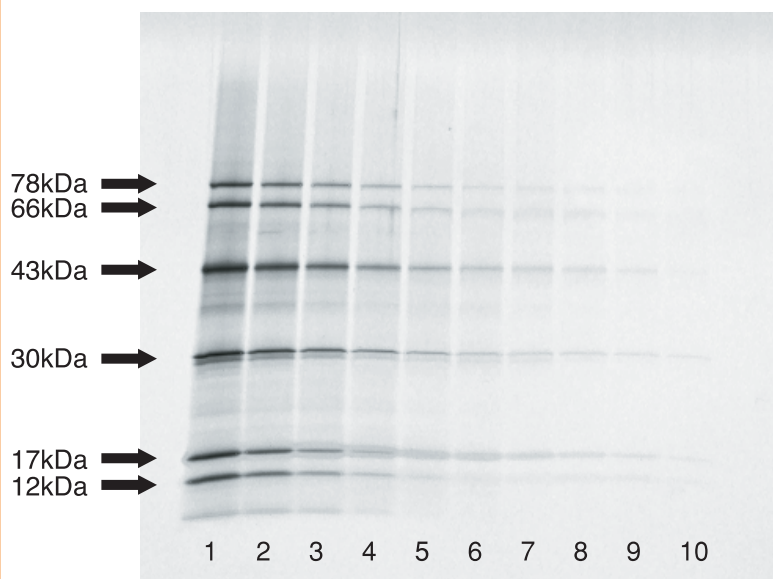
**Rapid FluoroStain KANTO is your new choice
for protein detection on electrophoresis!**

Rapid FluoroStain KANTO, utilizing a newly developed fluoro-compound, is an excellent reagent to detect proteins separated by SDS-PAGE or 2D-gel electrophoresis. Not only is the detection limit as low as of silver staining (sub-ng order), but the detection time is as short as of CBB staining (about 1 hour). In addition, proteins can be separated even in the presence of the reagent in the running buffer, which can reduce the total time for detection. (Note: a fluorescent detector/scanner is required to detect proteins.)



Kanto Kagaku

Detection of standard proteins by Rapid FluoroStain KANTO



● **Gel :**

10-20% Gradient acrylamide mini gel
(8 cm × 8 cm)

● **Amount :**

Each band contains 167 ng of protein in Lane 1.

Proteins are diluted by twice in each lane.

(i.e. Each band in Lane 10 contains 0.4 ng of protein.)

Basic protocol

SDS-PAGE Gel



Washing

Rinsed with 1% Tween80 solution



Staining

Stained by 1,000-fold diluted solution of Rapid FluoroStain KANTO in the mixture of distilled water, phosphate buffer (pH2.5), and methanol (45 : 45 : 1)



Destaining

Rinsed with 1% Tween80 solution



Detection

Detected by a fluorescent detector / scanner
(Excitation: 532 nm , Cut filter: 575 nm)

Ordering Information

Cat. No.	Product	Grade	Contents	Price
36510-63	Rapid FluoroStain KANTO	electrophoresis	1 ml	

This reagent is jointly developed with National institute of Advanced Industrial Science and Technology(AIST) in Japan.



KANTO CHEMICAL CO., INC.
REAGENT DIVISION

MARUSAN BLDG-2F 3-11-5, Nihonbashi-Honcho, Chuo-ku, Tokyo 103-0023

Telephone +813-3667-6991

Telefax +813-3629-9435

<http://www.kanto.co.jp>

E-mail: kanto-61@gms.kanto.co.jp