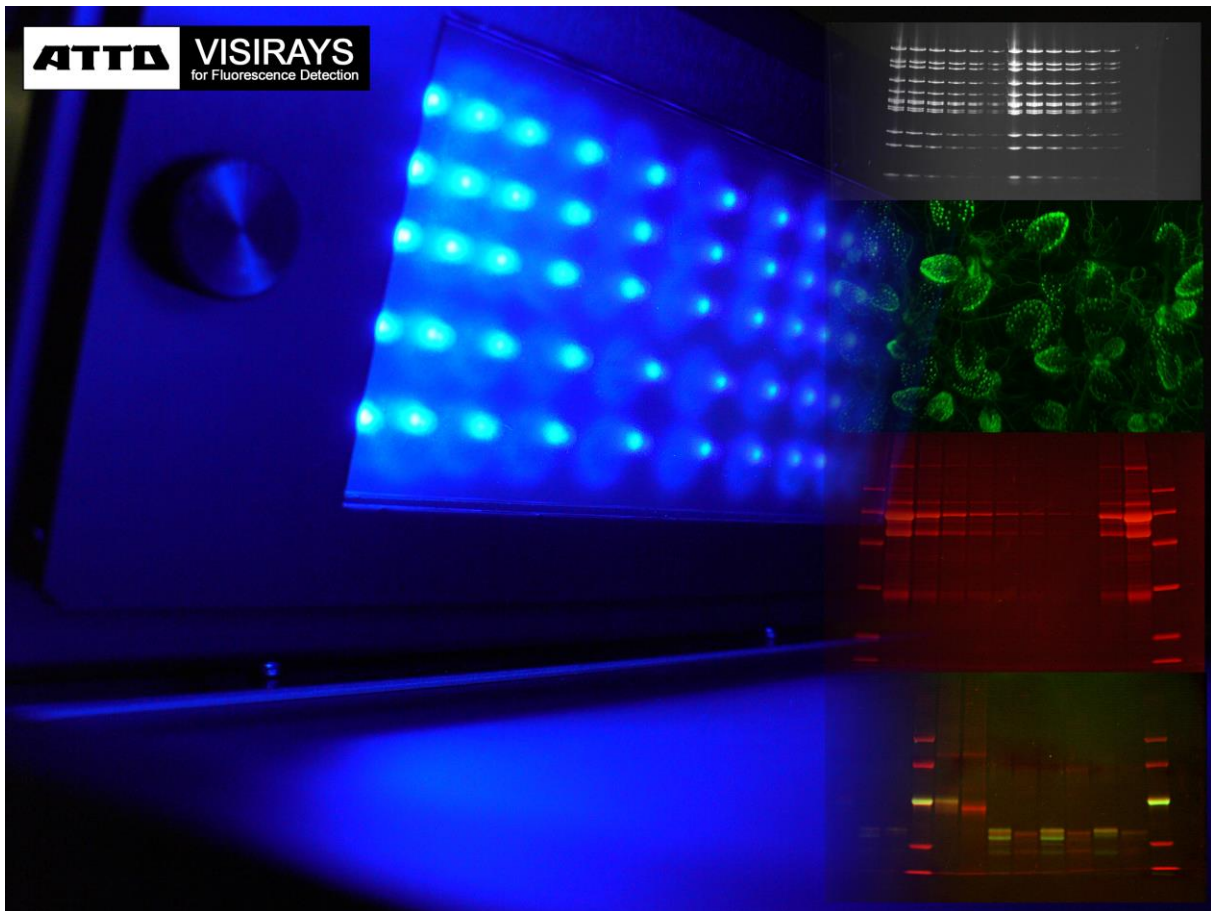


LED Illuminator VISIRAYS

BLUE/ GREEN SHORT/ GREEN LONG



AE-6935B VISIRAYS-B

Cord No.	Model	Name	Quantity
2008001	AE-6935B	AE-6935B VISIRAYS-B	1pc
2008011	AE-6935GS	AE-6935GS VISIRAYS-GS	1pc
2008012	AE-6935GL	AE-6935GL VISIRAYS-GL	1pc
2008043	AE-6935AC3	AE-6935AC3 VISIRAYS Adapter	1pc

APPLICATION

It is widely used by researching biochemistry, molecular biology, a reagent for the fluorometrical detection of protein, a nucleic acid excites by UV, a visible optical laser and detects fluorescence.

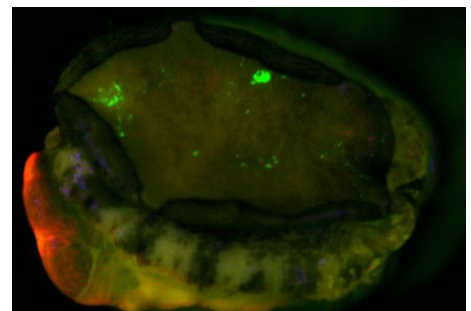
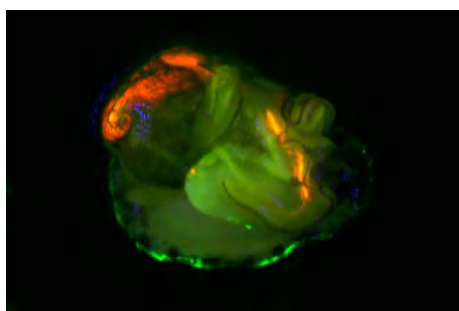
There are three colors VISIRAYS which are B : BLUE, GS : GREEN SHORT, GL : GREEN LONG. Moreover, they are different wavelength each other and difference applications.

Detection for fluorescent protein

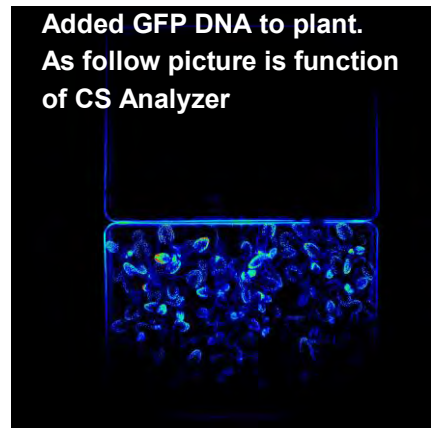
● GFP

Ezo abalone

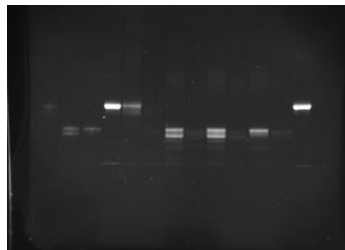
● RFP
etc



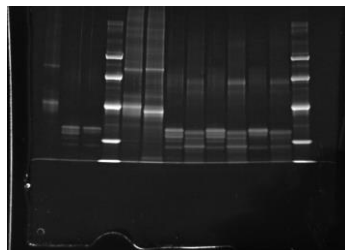
- 28 **Detection for fluorescent protein**
● **GFP**
Butterfly
● **RFP**
etc



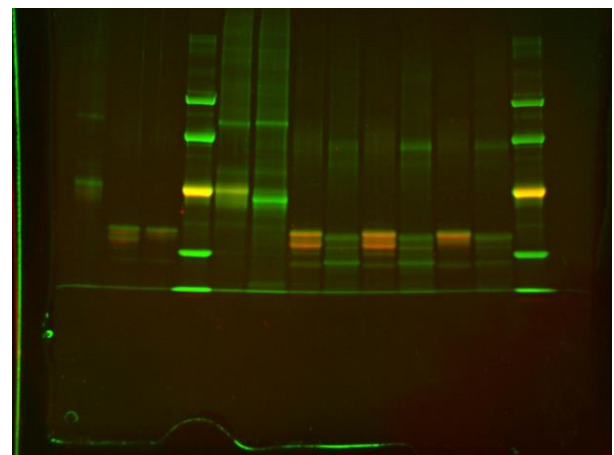
**Detected by
VISRAYS-B**



**Detected by
VISRAYS-GL**



**M
E
R
G
E
D**

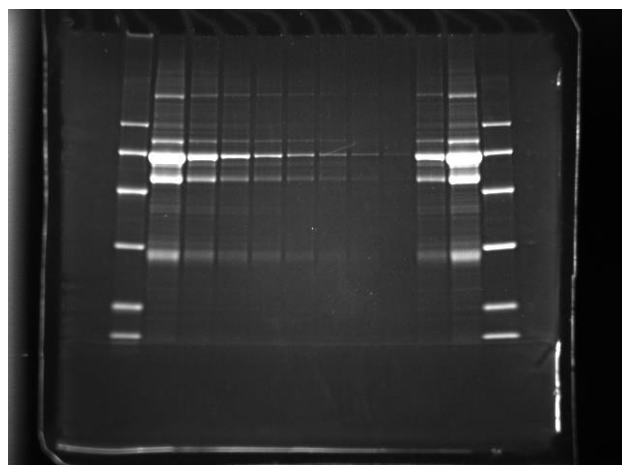


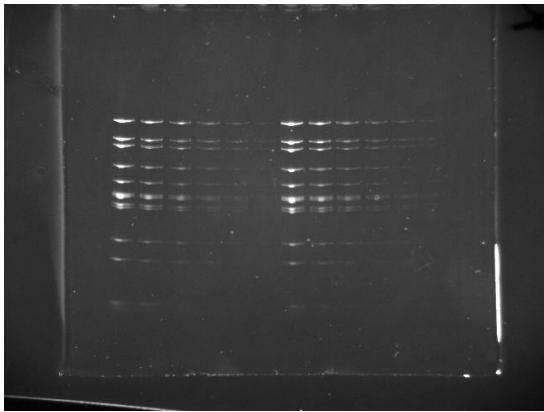
Merged picture Pro-Q Diamond/ SYPRO

Protein SYPRO Ruby

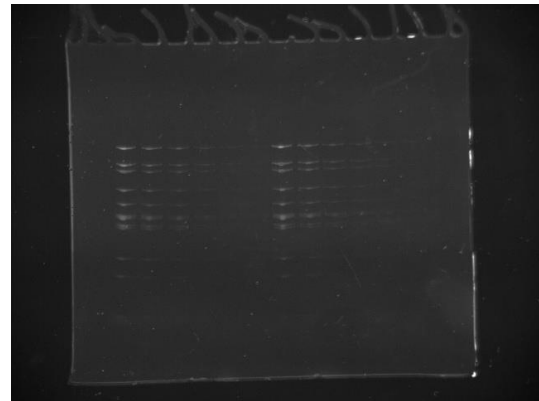
**Available to detecting protein
of SYPRO Ruby.**

**Beside of picture by
VISRAYS-B + SCF515 filter in
AE-6932GXCF Printgraph**

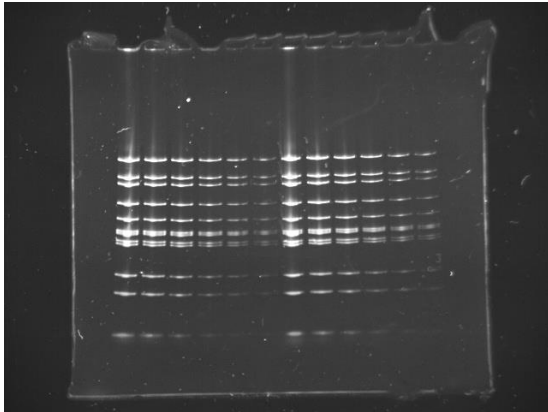




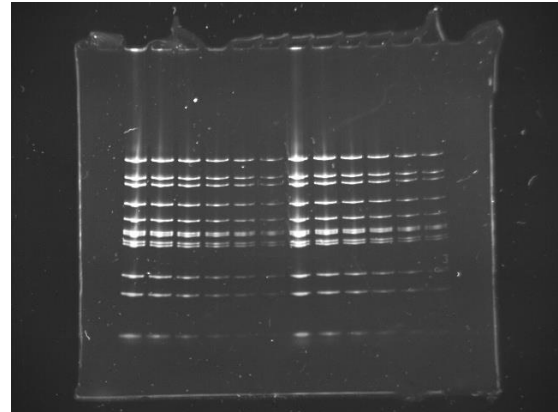
Detection for dyeing fluorescent substance.
Nucleic acid by
VISIRAYS-B + SCF515 Filter
● SYBR Safe



Detection for dyeing fluorescent substance.
Nucleic acid by UV (312nm)
● SYBR Safe



Detection for dyeing fluorescent substance.
Nucleic acid by
VISIRAYS-B+SCF515Filter
● SYBR Gold



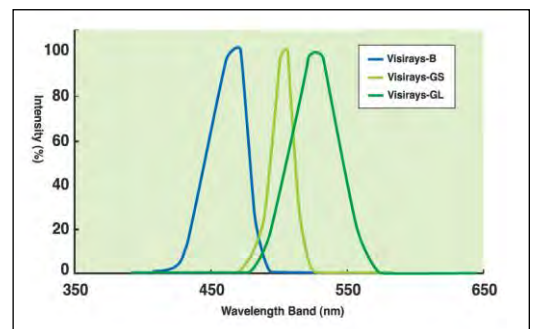
Detection for dyeing fluorescent substance.
Nucleic acid by UV (312nm)
● SYBR Gold

Features

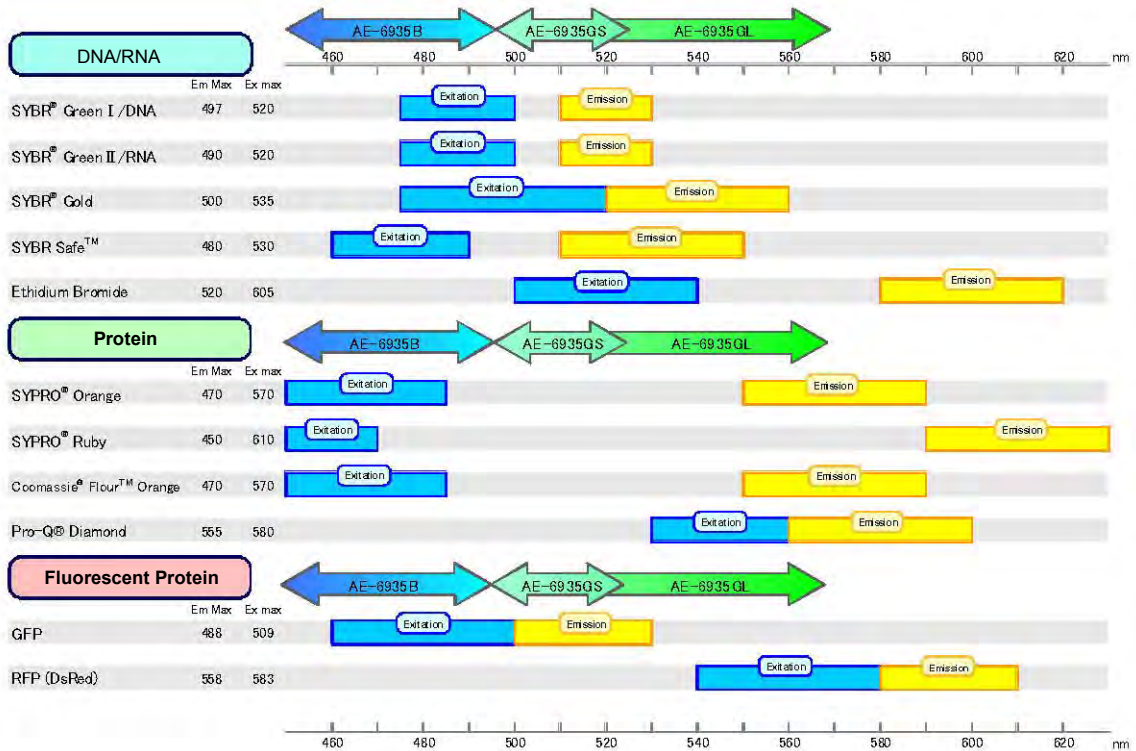
VISIRAYS combines LED of BLUE, GREEN with filter for illuminant and cuts an extra wavelength element. Therefore, a fluorescence of the sample's crossover is few and a low background is achieved.

Refer to following VISIRAYS. There are differ application wavelengths.

Model Name	Wavelength Band	Peak Wavelength
AE-6935B VISIRAYS-B	440-500 nm	470 nm
AE-6935GS VISIRAYS-GS	490-525 nm	505 nm
AE-6935GL VISIRAYS-GL	490-560 nm	525 nm

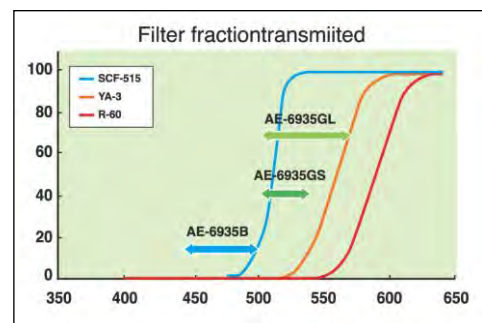


Fluorescent substance descriptions



Filter

Model Name	Wavelength Band	Filter
AE-6935B VISIRAYS-B	440-500 nm	SCF515
AE-6935GS VISIRAYS-GS	490-525 nm	YA-3
AE-6935GL VISIRAYS-GL	490-560 nm	R-60



Option

Cord No.	Name	Quantity
2008043	AE-6935AC3 VISIRAYS Adapter	1pc
2008050	VISIRAYS-B Filter VRF487 (120 × 60 mm)	1pc
2008051	VISIRAYS-GS Filter VRF510 (120 × 60 mm)	1pc
2008052	VISIRAYS-GL Filter VRF560 (120 × 60 mm)	1pc
2008060	Filter SCF515 (50 × 50 mm)	1pc
2130414	Filter YA-3 (50 × 50 mm)	1pc
2130452	Filter R60 (50 × 50 mm)	1pc

- **VISIRAYS Adapter (100-240V) 1pc**
Adapter for AE-6935B/GS/GL VISIRAYS-B/GS/GL
- **Filter SCF515(50 × 50mm) 1pc**
Shooting filter for AE-6935B VISIRAYS-B
- **Filter YA-3(50 × 50mm) 1pc**
Shooting filter for AE-6935B VISIRAYS-GS
- **Filter R-60(50 × 50mm) 1pc**
Shooting for AE-6935B VISIRAYS-GL

SYBR Safe/SYBR Gold/SYPRO Ruby GFP / RFP

■ **VISIRAYS-B Filter VRF487(120 × 60mm) 1pc**

Filter for AE-6935B VISIRAYS-B. 2pcs standard supplied for AE-6935B.

■ **VISIRAYS-GS Filter VRF510(120 × 60mm) 1pc**

Filter for AE-6935GS VISIRAYS-GS. 2pcs standard supplied for AE-6935GS.

■ **VISIRAYS-GL filter VRF560(120 × 60mm) 1pc**

Filter for AE-6935GL VISIRAYS-GL. 2pcs standard supplied for AE-6935GL.



VISIRAYS Adapter
1pc



SCF-515 Filter
1pc



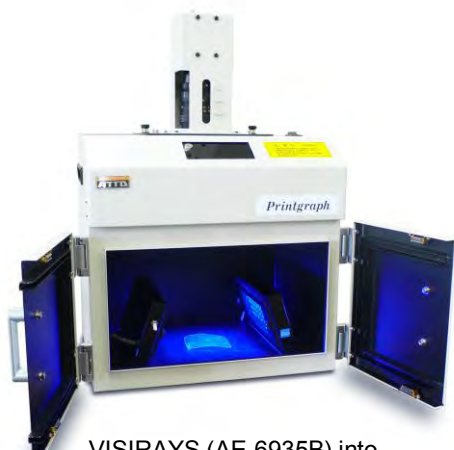
YA-3 Filter
1pc



R-60 Filter
1pc

Applicable for ATTO Gel Documentation Systems

「Printgraph」 Series



VISIRAYS (AE-6935B) into
AE-6932GX series

「LightCaptureII」 Series

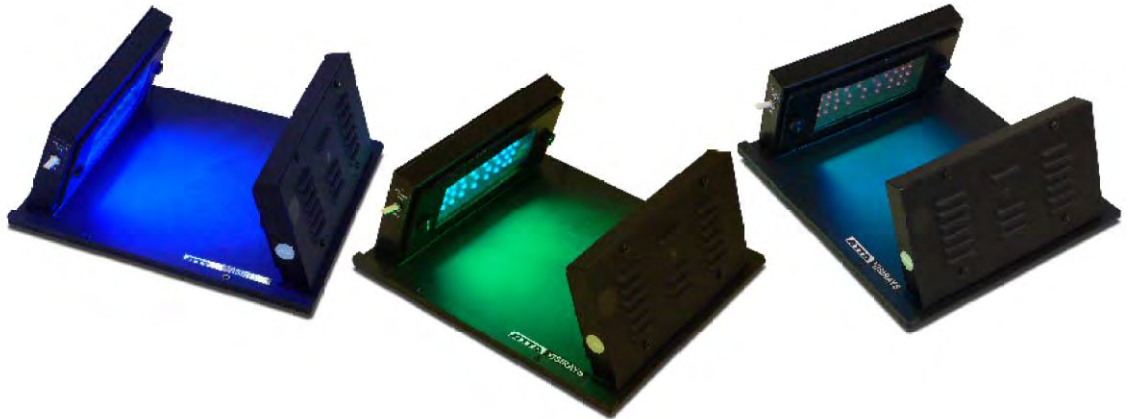


AE-6981
When VISIRAYS is using,
*UV transilluminator can not be used.

Specification

Spec	AE-6935B VISIRAYS-B	AE-6935GS VISIRAYS-GS	AE-6935GL VISIRAYS-GL
Illuminant	BLUE-LED	GREEN-LED	GREEN-LED
Wavelength Band	440 to 500 nm	490 to 525 nm	490 to 560 nm
Peak Wavelength	470 nm	505 nm	525 nm
Area being irradiated	100 × 80 mm	100 × 80 mm	100 × 80 mm
Dimension	260(W) × 215(D) × 120 (H)	260(W) × 215(D) × 120 (H)	260(W) × 215(D) × 120 (H)
Weight	1.2kg	1.2kg	1.2kg
Power	DC15V 0.6A	DC15V 0.6A	DC15V 0.6A
Option	AC Adapter Filter : SCF515	AC Adapter Filter : YA-3 GL Filter 2pcs	AC Adapter Filter : R-60 GS Filter 2pcs

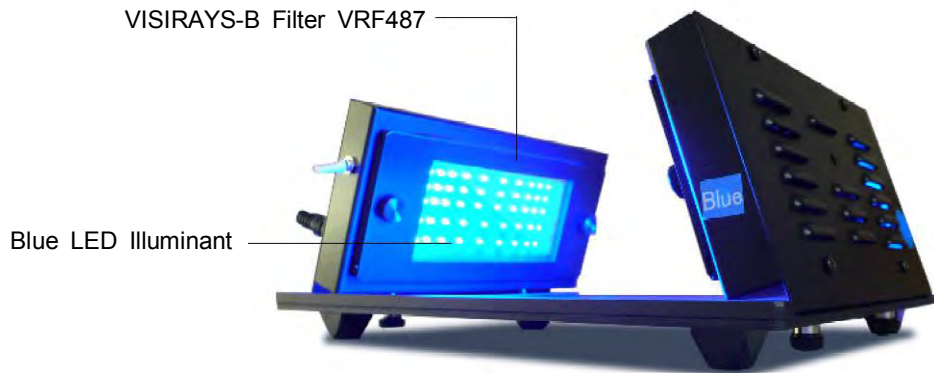
SYBR Safe/SYBR Gold/SYPRO Ruby GFP / RFP



AE-6935B VISIRAYS-B
(BLUE)

AE-6935GL VISIRAYS-GL
(GREEN LONG)

AE-6935GS VISIRAYS-GS
(GREEN SHORT)



VISIRAYS-B Filter VRF487

Blue LED Illuminant

FLAT-Viewer



Model	FLAT-Viewer Code No. 2196160
Use	Taking gel image
Light Size	210mm x 175 Whole face (230mm x 195mm)
Light Source	White LED
Size	250mm(W) x 215mm(D) x 10mm(H)
Weight	450g
Power	DC12V (AC adpoter : Optional)8W Code No. 2196161