

HelixChem™ *ShinyStar* Gel Stain

Kit Contents

HelixChem™ <i>ShinyStar</i> Gel Stain		
Cat. No.	HCSS-M001	HCSS-M010
<i>ShinyStar</i> Gel Stain	0.5 ml x 2ea	10 ml
Instruction for Use	1ea	1ea

* HelixChem™ *ShinyStar* gel stain (20,000x)

Description

HelixChem™ *ShinyStar* Gel stain is a safe nucleic acid stain, an alternative to the traditional ethidium bromide (EtBr) stain for detecting nucleic acid in agarose gels. It emits green fluorescence when bound to DNA or RNA under UV light.

Characteristics

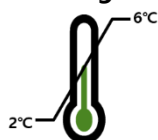
Safe alternative to the EtBr for staining nucleic acids

Non-toxic, non-mutagenic and non-carcinogenic

No hazardous waste

Storage and stability

Storage



In the dark at 4°C.

※ *ShinyStar* Gel stain is light sensitive

Shelf life



12 months

NanoHelix Co., Ltd.

43-15, Techno 5-ro, Yuseong-Gu, Daejeon, 34014, South Korea. TEL : 82-42-867-9055, FAX : 82-42-867-9057

E-mail : info@nanohelix.net < www.nanohelix.net www.nanohelix.co.kr/KOR >

Application

Visualization of DNA and RNA bands as they separate during agarose gel electrophoresis.
Isolation of DNA fragments for sub-cloning without introducing mutations normally caused by EtBr.

Consideration before use

HelixChem™ ShinyStar Gel stain is non-carcinogenic but may cause skin and eye irritations. Please wear gloves when working with the product.

Protocol

1. Prepare **100 ml of agarose solution** in a flask.
2. Heat and completely melt the agarose in a microwave oven.
3. Add **5 µl of HelixChem™ ShinyStar Gel stain** to the agarose solution.
4. Swirl the flask gently to mix the solution and avoid forming bubbles.
5. Pour the agarose solution into a gel tray, and place a comb into position.
6. Cool the solution until solidified.
7. Load samples on the gel and perform electrophoresis.
8. Detect the bands under UV illumination.

Products

Cat. No.	Products	Size
HCSS-M001	HelixChem™ <i>ShinyStar</i> Gel stain (0.5 ml x 2ea)	1 ml
HCSS-M010	HelixChem™ <i>ShinyStar</i> Gel stain (10 ml / bottle)	10 ml

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