

Technical Data Sheet

AEC Substrate Set

Product Information

Material Number: 551951
Size: 10 Plate(s)
Component: 51-2577KC
Description: AEC Substrate
Size: 100 mL (1 ea)

Component: 51-2578KC
Description: AEC Chromogen
Size: 3 mL (1 ea)

Description

3-Amino-9-ethylcarbazole (AEC) is a substrate for peroxidase and is a widely-used chromogen for ELISPOT.

Preparation and Storage

Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application

ELISPOT	Routinely Tested
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Recommended Assay Procedure:

No more than 15 minutes prior to use, mix one drop (20 µL) of AEC Chromogen with each 1 mL of AEC Substrate, vortex or mix. Discard any remaining prepared AEC Substrate after use.

Warning: AEC Substrate (MN 51-2577KC) contains 7.99% methanol (w/w).

Hazard statements

Combustible liquid.

Harmful if swallowed.

May be harmful in contact with skin.

May cause damage to organs.

Precautionary statements

Wear protective gloves / eye protection.

Wear protective clothing.

Avoid breathing mist/vapours/spray.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

IF ON SKIN: Wash with plenty of water.

Danger: AEC Chromogen (MN 51-2578KC) contains 97.8% N,N-dimethylformamide (w/w).

Hazard statements

Flammable liquid and vapour.

Harmful if inhaled.

Causes serious eye irritation.

May damage fertility or the unborn child.

Precautionary statements

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Wear protective clothing / eye protection.

Wear protective gloves.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Dispose of contents/container in accordance with local/regional/national/international regulations.

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Suggested Companion Products

<u>Catalog Number</u>	<u>Name</u>	<u>Size</u>	<u>Clone</u>
557630	HRP Streptavidin for ELISPOT	1 mL	(none)

Product Notices

1. Please refer to www.bdbiosciences.com/pharming/en/protocols for technical protocols.

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