

Product Analysis Certificate

CRISPRtest™ Functional Cas9 Activity Kit
Cat.# CRTEST



CRISPRtest™ Functional Cas9 Activity Kit

Shipment Contents: CRISPRtest™ Functional Cas9 Activity Kit
— Store at -80°C

Description:

Cellecta's CRISPRtest Functional Cas9 Activity Kit allows you to assess the level of Cas9 activity in your human cell line using two pre-mixed lentiviral-packaged vectors, the first containing a green fluorescent protein (GFP) marker and sgRNA sequence targeting an essential gene (human PCNA) and the second containing a red fluorescent protein (RFP) marker and a non-targeting sgRNA. Transduction of CRISPRtest virus into cells will result in an initial ratio of GFP cells : RFP cells of ~2:1. Upon cell growth in the presence of active Cas9, the ratio of GFP cells : RFP cells will decrease proportionally to Cas9 activity.

The amount of reagents provided in this kit is sufficient to test up to 5 pairs of human cell lines for Cas9 activity.

Biosafety Level: BSL-2

Storage: -80°C

Shelf Life: 1 year from date of receipt

Shipping Conditions: Dry Ice

Product Information (Cellecta Website):

User Manual: <https://www.cellecta.com/product-manuals-and-certificates/>

Kit Contents:

Catalog #	Contents	Lot #	Quantity	Storage
CRTEST	CRISPRtest™ Virus	17121417	500 µl × 1 vial	-80°C
	Transduction Reagent (1000X)	17121417-b	50 µl × 1 vial	-80°C

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Quality Control

- Contamination-Free: Each lot of CRISPRtest™ Kit is tested for bacterial contamination.
- Mycoplasma: Each lot of CRISPRtest™ Kit is certified to be mycoplasma-free, as determined by RT-PCR.
- Functional Test: Each lot of CRISPRtest™ Kit is tested for functionality in HEK 293 cells, based on the protocol in the User Manual.

Terms and Conditions

Cellecta, Inc. Limited License

Cellecta grants the end user (the "Recipient") of the CRISPRtest™ Functional Cas9 Activity Kit (the "Product") a non-transferable, non-exclusive license to use the reagents for internal research use only as described in the enclosed protocols; in particular, research use only excludes and without limitation, resale, repackaging, or use for the making or selling of any commercial product or service without the written approval of Cellecta, Inc. -- separate licenses are available for non-research use or applications. The Product is not to be used for human diagnostics or included/used in any drug intended for human use. Care and attention should be exercised in handling the Product by following appropriate research laboratory practices.

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Limited Use Licenses

The Recipient acknowledges that Product has been developed by Cellecta based on licenses from Third Parties and agrees with the Terms of Limited Use for the Recipient provided by the Third Parties:

Life Technologies Corporation End-User Label License for the use of Lentiviral Expression System:

"This product or service (based upon the Lentiviral Expression System) is sublicensed from Life Technologies Corporation under U.S. Patent Nos. 5,686,279; 5,834,256; 5,858,740; 5,994,136; 6,013,516; 6,051,427; 6,165,782; 6,218,187; 6,428,953; 6,924,144; 7,083,981 and 7,250,299 and corresponding patents and applications in other countries for internal research purposes only. Use of this technology for gene therapy applications or bioprocessing other than for nonhuman research use requires a license from GBP IP, LLC. Please contact GBP IP, LLC 537 Steamboat Road, Suite 200, Greenwich, CT 06830. Use of this technology to make or sell products or offer services for consideration in the research market requires a license from Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008."

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