BIO-PROBE® JC virus probe

The JC Virus BIO-PROBE® labeled probe is prepared by nick translation of a clone of the entire JC virus genome. JC virus, a member of the papovavirus family, usually causes subclinical infections. However, in immunocompromised individuals it can cause a fatal demyelinating brain disease, progressive multifocal leukoencephalopathy. JC virus is also neurooncogenic in primates. Fragment size range: 100-1000 base pairs (as estimated by agarose gel electrophoresis).

Citations: 10 View Online »

Ordering Information Order Online »

ENZ-40847	2µg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for one year after receipt when stored as recommended.
Long Term Storage	-20°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application Notes	The JC Virus BIO-PROBE® labeled probe can be used in a variety of hybridization techniques, including Southern blots, Northern blots or dot blots, at a concentration of approximately 50ng/ml. The probe can also be used for *in situ* hybridization applications at concentrations of approximately 0.5 to 5µg/ml. Biotinylated probes have been shown to hybridize to homologous DNA at the same rate and to the same extent as non-biotinylated probes.The hybridized biotinylated DNA probe can be detected by its interaction with biotin-binding proteins, such as avidin, streptavidin or antibodies coupled to fluorescent dyes or color producing enzymes. Complete kits and protocols are available for *in situ* hybridization and detection procedures (compatible with Enzo's POLYVIEW® PLUS and SAVIEW® PLUS detection systems for IHC).
Concentration	20µg/ml
Formulation	Liquid. In 10mM TRIS HCl, pH 7.5, containing 1mM EDTA.
Technical Info / Product Notes	BIO-PROBE® is a trademark of Enzo Life Sciences, Inc. Several of Enzo's products and product applications are covered by US and foreign patents and patents pending.

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.