



OXFORD BIOMEDICAL RESEARCH

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Material Safety Data Sheet

Product Name: NF κ B Colorimetric Immunoassay Kit

Product Number: TF 02

Manufacturer:

Oxford Biomedical Research
2165 Avon Industrial Dr.
Rochester Hills, MI 48309
(248) 852-8815

Components:

<u>Description</u>	<u>Quantity</u>
Oligonucleotide coated plate	1 each
NF κ B p50 Standard	50 μ L x 2
Dilution Buffer	40 mL
Activated NF κ B Binding Buffer (5x)	1.5 mL
Total NF κ B Binding Buffer (5x)	1.5 mL
Wash Buffer (10x)	50 mL
DNA	100 μ L
Primary Antibody	25 μ L
Secondary Antibody-Enzyme Conjugate	110 μ L
Enzyme Substrate	10 mL

The components listed above are provided and produced by Oxford Biomedical Research as components of an *in vitro* diagnostic test kit for the sole purpose of research use and to be used in accordance with the kit instruction.

Hazards

The Enzymatic Substrate exhibits irritation in its acute effects but also poses risk to reproductive disorder with overexposure as demonstrated in animals.

The physical, chemical and toxicological properties of these components have not been fully investigated. Standard laboratory and safety procedures should be used when handling this product or components therein. This includes, but is not limited to, wearing OSHA approved safety glasses, gloves and protective clothing. Avoid direct physical contact with the components of this product.

First Aid Measures

Ingestion: If swallowed wash out the mouth with water provided that the person is conscious. Call a physician and/or poison control.

Skin Contact: Remove affected clothing, shoes, etc. Flush affected areas with copious amounts of water followed by washing with soap and water for a minimum of 15 minutes. Contact a physician.

Inhalation: Remove from the contaminated air space. If breathing becomes difficult, administer oxygen. If breathing stops then administer artificial respiration. Contact a physician.

Eye Contact: Flush eyes with copious amounts of water for a minimum of 15 minutes while separating eyelids. Remove contact lenses if present. Contact a physician.

Fire Fighting Measures

The Enzymatic Substrate has a flash point at 187 °C with an upper and lower explosive unit at 9.5% and 1.2% respectively. Carbon dioxide, water spray, chemical power or appropriate foam extinguishing media can be used. Wear protective clothing including self-contained breathing apparatus. Carbon monoxide and nitrogen oxides may be produced with heat.

For all other components and materials provided in this kit, there is no significant risk in the event of fire. Extinguishing media should be used that is most appropriate to the surrounding areas. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to minimize exposure.

Accidental Release Measures

Shut off all ignition sources and ventilate the area. Wear appropriate protective gear. Wipe or pick-up materials, place in a sealed container, and dispose of in accordance with Federal, State and Local Government regulations. Wash the spill site thoroughly with soap and water.

Handling and Storage

Store kit as recommended on the product label or each individual component. All components and its contents should be stored in closed containers. This product should be handled by qualified trained professionals.

Stability and Reactivity

This product and its components are stable until the indicated expiration date if stored in accordance with the indicated storage conditions and handling procedures. These components are not known to react with other substances in an adverse manner in its provided forms.

Toxicological Information

Not available.

Ecological Information

Not available.

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