Aviva Systems Biology Corporation
10211 Pacific Mesa Blvd, Ste 401
San Diego, CA. 92121
Tel: 858-552-6979 Fax: 858-552-6975
Email: info@avivasysbio.com
Web: www.avivasysbio.com

MATERIAL SAFETY DATA SHEET (MSDS)

According to EC Directive 97/79/EC

1. Product Identification Product Name: T3 EIA Test Kit

Catalog No.: OKBA00023
Manufacturer: Aviva Systems Biology

2. Composition/Information on Ingredients

Components	Main Ingredients	Composition
1. **Coated Wells** 96 well plate 12 □ 8 strips	Goat Anti-Mouse IgG 5gm desiccant	0.1 µg/well
2. Enzyme Conjugate Concentrate (11x) 1 x 1.3 ml bottle	T-3 Antigen Conjugated to Horseradish Peroxidase Tris Buffer, pH=7.60 ProClin-300	1µg/ml 99% (v/v) 1% (v/v)
3. Enzyme Conjugate Diluent 1 x 13 ml bottle	ANS (8 – Anilino – 1 – Naphthalene – sulfonic Acid) Tris Buffer, pH=7.60 ProClin-300	0.1% (w/v) 99% (v/v) 1% (v/v)
4. Reference Standards Liquid 0, 0.5, 1.0, 2.5, 5.0 and 10.0 ng/ml	T-3 Antigen *T-3/T-4 Free Human Serum ProClin-300	0, 0.5, 1.0, 2.5, 5.0 and 10 ng/ml 99% (v/v) 1% (v/v)
5. Antibody Reagent 1 x 7 ml	Mouse monoclonal Anti-T3 0.015 M Potassium phosphate buffer, pH=7.40 ProClin-300	0.1 ng/ml 100% (v/v) 0.5% (v/v)
6. TMB Reagent 1 □ 11 ml bottle	TMB Nonreducing Oligosaccharides Hydrogen Peroxide	≤ 0.05% (w/v) ≤ 3% (w/v) ≤ 0.02% (v/v)
7. Stop Solution 1 □ 11 ml bottle	HCl D.I. H_2O	3.1% (v/v) 96.9% (v/v)

Aviva Systems Biology Corporation
10211 Pacific Mesa Blvd, Ste 401
San Diego, CA. 92121
Tel: 858-552-6979 Fax: 858-552-6975
Email: info@avivasysbio.com
Web: www.avivasysbio.com

3. Hazard Ingredients

Kit Component(s): Calibrators, Controls, and Antibody Reagent

Hazardous Component	Percent	CAS Number
Human Serum	---	--

-

4. Hazard Identification

Human serum (or its components) used in the manufacture of components was found nonreactive for HIV-1 antibody, non-reactive for HBsAg, and non-reactive for HCV when tested with licensed agents. However, no known test method can offer absolute assurance that products derived from human serum will not be infectious. **Handle it as if capable of transmitting diseases.**

5. First Aid Measures

EYE CONTACT: Flush with copious amounts of fresh water for at least 15 minutes

SKIN CONTACT: Wash well with mild soap and copious amounts of fresh water. Remove any contaminated clothing. Flush skin surface with additional water.

INGESTION: Flush mouth with copious amounts of water. Do not swallow rinse water.

INHALATION: Remove victim to fresh air. If breathing is labored, administer oxygen as needed. If victim is not breathing, administer artificial respiration or CPR.

If warranted, seek medical attention. If possible, save sample of material that caused reaction for use in determination of appropriate treatment.

6. Fire Extinguishing Measures

Use extinguishing media appropriate to surrounding fire.

7. Accidental Release Measures

Absorb spills of reagents and patient samples with absorbent paper, taking care not to spread the material. Clean spill area with a freshly made 0.5% sodium hypochlorite (bleach) solution.

Aviva Systems Biology Corporation
10211 Pacific Mesa Blvd, Ste 401
San Diego, CA. 92121
Tel: 858-552-6979 Fax: 858-552-6975
Email: info@avivasysbio.com
Web: www.avivasysbio.com

Discard all materials used to absorb spill and disinfect area into biohazard waste collection for proper disposal.

8. Handling and Storage

HANDLING: Do not eat, drink, smoke or apply cosmetics in laboratory areas. Do not pipette samples or reagents by mouth. Avoid splashing or aerosol formation. Use all reagents in accordance with the relevant package insert. Avoid high temperatures and keep from freezing during transport.

STORAGE: Store all reagents as directed in the relevant package insert.

9. Exposure Control/Personal Protection

Wear appropriate personal protective equipment, including lab coats and disposable gloves, when working with reagents or patient specimens. Avoid hand/mouth contact. Wash hands as soon as possible after handling reagents or patient samples.

10. Physical and Chemical Properties

Not applicable

11. Stability & Reactivity

The reagents in the kit are stable under the storage conditions described in the package insert. Hazardous decomposition will not occur. There are no known strong incompatibilities.

12. Toxicological Information

Not applicable

13. Ecological Information

Not applicable

14. Disposal Guidelines

Dispose in accordance with applicable laws. If drain disposed, dilute and flush with a copious amount of running water.

Aviva Systems Biology Corporation
10211 Pacific Mesa Blvd, Ste 401
San Diego, CA. 92121
Tel: 858-552-6979 Fax: 858-552-6975
Email: info@avivasysbio.com
Web: www.avivasysbio.com

15. Transport Information

Proper Shipping Name: in vitro diagnostic reagents
Hazard Class: None
Identification Number: None

16. Regulatory Information

The product is not subject to identification regulations under EU Directives.

17. Other

The above information is believed to be correct to the best of our current knowledge. Aviva does not guarantee this to be all-inclusive and shall not be held liable for any damages resulting from handling of or contact with the above product.

052518