

MATERIAL SAFETY DATA SHEET (MSDS)

According to EC Directive 97/79/EC

1. Product Identification

Product Name: High Sensitivity c-reactive ELISA Kit (Human)

Catalog No.: OKBA00016

Manufacturer: Aviva Systems Biology 7700 Ronson Rd. Suite 100, San Diego, CA 92111
Phone: (858) 552-6979 Fax: (858) 552-6975

2. Composition/Information on Ingredients

Components	Main Ingredients	Composition
1. Coated Wells 96 well plate 12 × 8 strips	CRP Monoclonal Antibody 5 gm desiccant	1 µg/well
2. Enzyme Conjugate Reagent 1 x 12 ml bottle	Goat Anti-CRP Antibody Conjugated to Horseradish Peroxidase *Animal Serum Tris Buffer ProClin-300	1 µg/ml < 50% (v/v) < 50% 1% (v/v)
3. Reference Standards Liquid, 1 ml each 0, 5, 10, 25 50, and 100 ng/ml	CRP Antigen *Animal Serum ProClin-300	0, 5, 10, 25, 50, and 100 ng/ml 99% (v/v) 0.5% (v/v)
4. Sample Diluent 1 x 50 ml bottle	Phosphate Buffer BSA ProClin-300	93% (v/v) 6% (w/v) 1% (v/v)
5. TMB Reagent 1 × 11 ml bottle	TMB (Tetramethylbenzidine) Nonreducing Oligosaccharides Hydrogen Peroxide	≤ 0.05% (w/v) ≤ 3% (w/v) ≤ 0.02% (v/v)
6. Stop Solution 1 × 11 ml bottle	HCl (Hydrochloric Acid) Distilled Water	3.1% (v/v) 96.9% (v/v)

* All animal serum products have been derived from animals of US origin and processed in USDA licensed facilities.

3. Hazard Ingredients

None

4. 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.

5. 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.

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

6. 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.

7. 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.

8. 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.

9. Toxicological Information

Not applicable

10. Ecological Information

Not applicable

11. Disposal Guidelines

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

12. Transport Information

Proper Shipping Name: in vitro diagnostic reagents

Hazard Class: None

Identification Number: None

13. Regulatory Information

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

14. Other

The above information is believed to be correct to the best of our current knowledge. Aviva Systems Biology Corporation 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.