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MATERIAL SAFETY DATA SHEET

Estradiol

IDENTIFICATION OF THE PREPARATION AND COMPANY NAME.

Supplier: Diagnostic Automation Inc.
21250 Califa Street, Suite 102 and 116,
Woodland Hills, CA 91367 USA

Emergency Telephone number: Please contact the local hospitals.

Product Name: Estradiol Test kit
Catalog No: 2046-18

Components	Main Ingredients	Composition
1. Antibody Coated Wells 96 well plate 12 x 8 strips	Goat Anti-Rabbit IgG 5gm desiccant	1µg/well
2. Reference Standard Set 6 vials at 0.5 ml/vial	Estradiol Human Serum ProClin-300 (Preservative)	0, 10, 30, 100, 300 and 1000 pg/ml 99% (v/v) 1% (v/v)
3. Control Set 2 vials at 0.5 ml/vial	Human Serum, Control Level I, Estradiol Control Level II, Estradiol	~100% (v/v) 13-57 pg/ml 220-482 pg/ml
4. Enzyme Conjugate Reagent 1 x 12 ml bottle	Estradiol Conjugated to Horseradish Peroxidase Buffered Protein (BSA) Solution ProClin-300 (Preservative)	1µg/well 99% (v/v) 1% (v/v)

5. Antibody Reagent 1 x 7 ml bottle	Rabbit Anti-Estradiol 0.015 M Potassium Phosphate Buffer, pH=7.4	0.01% (v/v) 99.99% (v/v)
6. TMB Reagent 1 x 11 ml bottle	TMB (Tetramethybenzidine) Nonreducing Oligosaccharides Hydrogen Peroxide	≤ 0.05% (w/v) ≤ 3% (w/v) ≤ 0.02% (v/v)
7. Stop Solution 1 x 11 ml bottle	HCI (Hydrochloric Acid) Distilled Water	1.7% (v/v) 98.3% (v/v)

Hazard Ingredients

Kit Component(s): Reference Standard Set and Control Set

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

Hazard Identification

Human serum (or its components) used in the manufacture of components was found non- reactive 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.**

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.

Fire Extinguishing Measures

Use extinguishing media appropriate to surrounding fire.

Accidental Release Measures

Absorb spills of reagents and patient sam0ples 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.

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.

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.

Physical and Chemical Properties

Not applicable

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.

Toxicological Information

Not applicable

Ecological Information

Not applicable

Disposal Guidelines

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

Transport Information

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

Regulatory Information

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

Other

The above information is believed to be corrected to the best of our current knowledge. Diagnostic Automation Inc. 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.

Date Adopted	**2016-05-20**
REF **2046-18**	**DA-Estradiol**

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