

Material Safety Data Sheet

OneStep PSA RapiCard™ InstaTest

For *in-vitro* diagnostic use only

SECTION 1. Company Identification

Product name: OneStep PSA RapiCard™ InstaTest
 Catalog No.: 13071-1-21
 Synonyms: N/A
 Form: A card device for visual, one step in vitro assay
 Kit Storage: Room temperature

Company: Diagnostic Automation Inc.
 Address: 21250 Califa St, Suite 102 & 116,
 Woodland Hills, CA 91367, USA.

Website: www.rapidtest.com
 Phone: 818-591-3030
 Fax: 818-591-8383
 E-mail: onestep@rapidtest.com

Emergency phone: Contact your local Emergency Health Provider.

SECTION 2. Composition Information

Component	Chemical and Common Name
Striped Membrane	Cellulose Nitrate, (Collodion) Pyroxylin, Proxylin plastics
Conjugate Pad	Borosilicate Glass Fiber with PVA Binder
Antibody for Membrane	Anti-PSA MAb
Multiple Monoclonal Antibody/Gold conjugate	Colloidal Gold-Anti PSA Conjugate

SECTION 3. Health Hazard Data

3.1 Primary routes of entry

Skin Absorption.

3.2 Health hazard

Acute: May be harmful if ingested or absorbed through skin.
 Chronic: Unknown.

3.1 Description of first aid measures

Skin contact: Wash skin with water.
 Ingestion: Wash mouth with water. If irritation or discomfort occurs, seek medical attention.

SECTION 4. Firefighting measures

Cellulose Nitrate membranes are classified as a flammable solid and burn rapidly with intense heat.

4.1 *Extinguishing media*

Burning membrane can be extinguished by use of water, dry chemical or CO₂ type extinguishers. Water is the most effective. Care must be taken not to have the force of the extinguisher causing membrane to shatter.

	Flashing Point	Unusual Fire & Explosion Hazards
Strip Membrane	200 °C	None known.

SECTION 5. Stability and Reactivity

5.1 *Reactivity*

Nitrocellulose membrane will dissolve in amines esters, ketones and ether-alcohols and may react with strong acids or alkalis. Decomposition is rapid at 170°C in air.

5.2 *Hazardous polymerization*

Direct sunlight has a moderate effect on the polymerization of nitrocellulose membrane. Over many years cellulose nitrate will polymerize as evidenced by becoming brown. Increased polymerization reduces the flash point.

5.3 *Conditions to avoid*

Excessive heat, fire or flame. Direct sunlight.

SECTION 6. Storage & Handling

6.1 *Storage*

The product containing nitrocellulose membrane should be stored at room temperature out of direct sunlight and away from excessive heat, fire or flame. Desiccated to maintain efficacy.



6.2 *Handling*

Handle using normal laboratory procedures and protective gloves required.

SECTION 7. Disposal Considerations

General information

Dispose of in compliance with all local, state and federal regulations.

<p>ISO 13485 ISO 9001</p> 	
 <p>Diagnostic Automation/Cortez Diagnostics, Inc. 21250 Califa Street, Suite 102 and 116, Woodland Hills, California 91367 USA</p>	
Date Adopted	2017-1-12
REF 13071-1-21	OneStep PSA RapiCard™ InstaTest