

Product Code: 01-xxxxxx [various]

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Product Name: Viral and Chlamydial Antigen Control Slides

1.1	Product name: Antigen Control Slides (10-slide packs and individual slides)
	Catalog # Antigen Control Slide product name:
	01-00010 <i>Chlamydiae trachomatis</i> (20-slide pack, 10-each of negative and positive)
	01-00011 (negative, individual)
	01-00012 (positive, individual)
	01-00020 <i>Cytomegalovirus</i>
	01-00021
	01-00050 Respiratory Syncytial virus
	01-00051
	01-00060 <i>Varicella-zoster virus</i>
	01-00061
	01-00070.v2 Human Metapneumovirus
	01-00072
	01-00080 Enterovirus
	01-00081 (<i>coxsackie A, coxsackie B, echovirus, and enterovirus</i>)
	01-00200 Enterovirus 71/Coxsackievirus A16
	01-00201 (<i>enterovirus 71 and coxsackievirus A16</i>)
	01-00100 <i>Herpes simplex virus</i>
	01-00101 (<i>Herpes simplex virus types 1 and type 2</i>)
	01-014000 Respiratory Viruses
	01-014010 (<i>influenza A virus, influenza B virus, respiratory syncytial virus, adenovirus, parainfluenza virus types 1, 2 and 3</i>)
	01-124001 D ³ FastPoint™ L-DFA™ Respiratory Viruses
	01-124010 (<i>influenza A virus, influenza B virus, respiratory syncytial virus, metapneumovirus, adenovirus, parainfluenza virus type 3</i>)
	01-124101 D ³ FastPoint™ L-DFA™ Influenza A/Influenza B
	01-124110 (<i>influenza A virus and influenza B virus</i>)
	01-124201 D ³ FastPoint™ L-DFA™ RSV/MPV
	01-124210 (<i>respiratory syncytial virus and metapneumovirus</i>)
	01-00201.2009H1 2009 H1N1 Influenza A Virus
	01-00200.2009H1 (<i>influenza A virus, Mexico/4108/2009 H1N1</i>)
	01-013301 Influenza A Virus Subtype
	01-013305 (<i>pan-H1, H3, and 2009 H1N1 influenza A viruses</i>)
1.2	Company Diagnostic HYBRIDS, Inc. 1055 East State Street, Suite 100 Athens, OH 45701, USA (740) 589-3300 or (866) 344-3477
1.3	In emergencies Call your local emergency center

2. Components and Hazardous Ingredients

Kit Component	Hazardous Ingredients	Classification Substance*	EINECS Nr.
Antigen Control Slide [†]	Glass	(none listed)	(none listed)
[Cell culture materials]	Animal or human proteins	(none listed)	(none listed)
[Biological materials]	Biological Risk, S:S24/25, 60		[Not applicable]

* Classification key: Toxic (T); Very toxic (T+); Harmful (Xn); Irritant (Xi); Dangerous for the environment (N); Oxidizing agent (O); Explosive (E); Flammable (F)

[†]Antigen Control Slides are glass microscope slides, coated with a colored pigment except for designated areas (wells) onto which cell culture and Class B viruses have been fixed (killed) to render non-infectious; a drying agent is included in the foil envelope to preserve antigen integrity; there is no residual acetone present.

Cell culture materials: Cell culture monolayer scrapings (e.g., A549, CV-1, MRC-5, McCoy, R-Mix™), washed with PBS and re-suspended.

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Biological materials: Contains fixed viruses and *Chlamydia materials*. Product may include one or more of the following fixed material: *coxsackie virus* (types A or B), *Chlamydia trachomatis*, *echovirus*, *enterovirus*, *varicella-zoster virus*, *influenza A virus*, *influenza B virus*, *respiratory syncytial virus*, *adenovirus*, *parainfluenza virus* (types 1, 2 or 3), human *metapneumovirus*, *Herpes simplex virus* (type 1 or 2), *cytomegalovirus*.

3. Hazards Identification

Antigen Control Slide: If glass slide is broken, may pose a cut-skin hazard.

Cell culture materials contains animal and/or human proteins. Allergy or hypersensitivity to bovine serum and other animal proteins.

Biological materials have been treated to be non-infectious; however, biohazard safety precautions for handling infectious materials are required.

4. First Aid Measures

Eye contact:

- Flush eyes immediately with water for 15 minutes, occasionally lifting the upper and lower eyelids
- Consult a doctor/medical service

Skin contact:

- Wash with soap
- Rinse with plenty of water
- Consult a doctor/medical service

After inhalation:

- Remove the victim into fresh air
- Consult a doctor/medical service

After ingestion:

- Consult a doctor/medical service

5. Fire Fighting Measures

Suitable extinguishing media:

- All non combustible extinguishing media allowed

Unsuitable extinguishing media:

- No data available

Special exposure hazards:

- No data available

Instructions:

- No data available

Special protective equipment for firefighters:

- No data available

6. Accidental Release Measures

Personal protection:

- See 8, below

Environmental precautions:

- Prevent soil and water pollution
- Discharge according to local regulations

Clean-up:

- Discharge of material according to local regulations

7. Handling and Storage

Handling:

- If contact is possible, wear gloves as protection.
- Discharge according to local regulations
- Handle and open the container with care

Storage:

- 2° to 8°C; store in the dark
- Keep away from: heat sources

8. Exposure Controls/Personal Protection

8.1 Exposure Limits

Chemical/Component	TLV/NIOSH REL	OSHA PEL	CAS No.
[Biological materials]	Not listed	Not listed	---

Information in above table from NIOSH Pocket Guide to Chemical Hazards, 2005.

8.2 Control of Exposure

Eye protection:

- Safety glasses or Face shield

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- Hand protection:**
- Gloves
 - Suitable materials: Butyl rubber, natural rubber, neoprene, nitrile rubber, polyethylene, PVC
 - Hands should be washed after working with this product.

- Skin protection:**
- Protective clothing

- Respiratory protection:**
- Area ventilation is generally adequate; avoid generation of dusts, mists or other airborne forms when working with the product

9. Physical and Chemical Properties

Glass microscope slides, coated with a colored pigment except for circular clear areas onto which fixed non-infected cell culture (NEG or “-”) and fixed infected cell culture (POS, “+” or virus abbreviation) to render the biological material non-infectious.

REF#	Product: Antigen Control Slide	Coating Color	Number of Wells and Designation
01-00011	<i>Chlamydiae trachomatis</i>	black	1-well designated “-”
01-00002		orange	1-well designated “+”
01-00021	<i>Cytomegalovirus</i>	green	2-wells; 1-“-” and 1-“+”
01-00051	Respiratory Syncytial virus	white	2-wells; 1-“-” and 1-“+”
01-00061	<i>Varicella-zoster virus</i>	red	2-wells; 1-“-” and 1-“+”
01-00071	Human Metapneumovirus	pink	2-wells; 1-NEG and 1-POS
01-00081	Enterovirus	red-brown	5-wells; 1-NEG and 4-POS, virus designated
01-00201	Enterovirus 71/Coxsackievirus A16	brown	3-wells; 1-NEG with 1-“Ent-71” and 1-“Cox-A16”
01-00101	<i>Herpes simplex virus</i>	blue	4-wells; 2-NEG with 1-“HSV-1” and 1-“HSV-2”
01-014000	Respiratory Viruses	white	8-wells; 1-NEG and 7-“xx”, virus designated
01-124001	D ³ FastPoint™ L-DFATM Respiratory Viruses	black	6-wells; 1-NEG 7-POS, virus designated
01-124101	D ³ FastPoint™ L-DFATM Influenza A/Influenza B	black	2-wells; 1-“A/B -” and 1-“A/B +”
01-124201	D ³ FastPoint™ L-DFATM RSV/MPV	black	2-wells; 1-“R/M -” and 1-“R/M +”
01-00201.2009H1	2009 H1N1 Influenza A Virus	grey	2-wells; 1-NEG and 1-POS
01-013301	Influenza A Subtype	white	6-wells; 3-NEG with 1-“H1”, 1-“H3”, 1-“2009H1”

10. Stability and Reactivity

- **Stability:** All components are stable until expiry date if stored in specified conditions (see label)
- **Reactivity/Hazardous decomposition products:** No hazardous decomposition products.
- **Conditions/Materials to avoid:** None noted.

11. Toxicological Information

Acute toxicity:

[Biological materials]	LD ₅₀	none noted
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Chronic toxicity:

[Biological materials]	▪ Target Organ(s): eyes and skin
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Routes of exposure: Caution! Most component contain substance(s) that are absorbed through the skin

Acute effects/symptoms: None noted

Chronic effects: None noted

12. Ecological Information

Aquatic toxicity: No data available

Other Information:

- **Effect on the ozone layer:** Not dangerous for the ozone layer (1999/45/EC)
- **Greenhouse effect:** No data available

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- *Effect on waste water purification:* No data available

13. Waste Disposal Considerations

Disposal methods: The glass slides should be disposed of following local regulations.

14. Transport Information

USA: No restrictions.

Canada: No restrictions

EU: No restrictions

15. Regulatory Information

Classification according to directives 67/548/EEC and 1999/45/EC

Symbol	Risk and Safety Precaution
(none)	S24/25: Avoid contact with skin and eyes S60: This material and/or its container must be disposed of as hazardous waste

16. Other Information

- Based on: US 29 CFR 1910:1200(g); Canadian Hazardous Product Act, Part II; Directive 91/155/EEC et seq.
- This product is designed for use by professionals.
- The above information is believed to be accurate and represents the information available to date, but Diagnostic Hybrids does not purport it to be all-inclusive; this should be used only as a guide.
- Refer to the Product Insert for this Product for additional details on the proper storage, handling, use, and disposal of the reagents included in this Product.
- Contact Diagnostic Hybrids, Inc. if additional information is required.

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