



## SAFETY DATA SHEET

### Section 1: IDENTIFICATION

**Product identifier:** INFINITI® Primer Extension (PE) Mix

**Catalog Number:** See Appendix 1

**Recommended Use:** For use in Laboratories. Refer to Product Insert or Application Notes.

**Manufacturer:** **AutoGenomics, Inc.**  
1600 Faraday Ave.  
Carlsbad, CA 92008

**Telephone No:** 1-760-477-2248  
**Toll Free:** 1-866-782-8639  
**FAX:** 1-760-477-2252  
**Email:** [www.autogenomics.com](http://www.autogenomics.com)

**Emergency Telephone:** 1-866-782-8639

### Section 2: HEALTH HAZARD INFORMATION

**OSHA/HCS Status:** This SDS should be retained and available for employees and other users of this product.

GHS- Classification

This product is not classified as hazardous according to the Globally Harmonized System (GHS)

Health hazards: Not hazardous

Physical hazards: Not hazardous

Principle Routes of Exposure

Potential Health Effects:

- Eyes: May cause eye irritation in susceptible persons
- Skin contact: May cause irritation to skin in susceptible persons
- Inhalation: May be harmful by inhalation
- Ingestion: May be harmful if swallowed

Specific Effects:

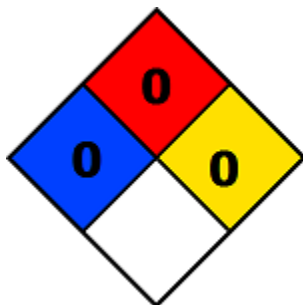
- Carcinogenic Effects: None
- Mutagenic effects: None
- Reproductive toxicity: None
- Sensitization: None
- Target Organ effects: No known effects under normal use conditions.

**Other hazards:** None known.



## SAFETY DATA SHEET

NPFA



HMIS

Health	0
Flammability	0
Reactivity	0

### Section 3: CONPOSITION/ INFORMATION ON INGREDIENTS

Substances/ Mixtures: Mixture

Ingredient	CAS Number	% Wt
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Oligonucleotides	NA	Proprietary
dCTP-CY5	NA	Proprietary
dNTPs (AGI)	NA	Proprietary
Sodium Citrate	6132-04-3	<0.5%
Sodium Chloride	20510-55-8	<0.9%
Tris-HCl	1185-53-1	< 1.3%
Potassium chloride	7447-40-7	< 1.6%
Magnesium chloride	7786-30-3	<0.5%

### Section 4: FIRST AID MEASURES

#### Description of first aid measures

Eyes:

- Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention; if symptoms persist.

Skin:

- Immediately flush skin with plenty of water for at least 15 minutes.
- If irritation develops, seek medical attention.

Inhalation:

- Move to fresh air. If not breathing, administer artificial respiration; immediately get medical attention

Ingestion:

- Do **NOT** induce vomiting unless directed to do so by medical personnel
- Never give fluids or induce vomiting if a person is unconscious or convulsing

### Section 5: FIRE and EXPLOSTION INFORMATION

#### Extinguishing media:

Use dry chemical or carbon dioxide, or foam

#### Special hazards arising from the substance or mixture:

Non-flammable. No information available.



## SAFETY DATA SHEET

**Advice for firefighters:**

Wear self-contained breathing apparatus for firefighting if necessary. Dilute with copious amounts of water.

**Special Protective Equipment or Precautions for firefighters:**

No special equipment necessary.

### Section 6: ACCIDENTAL RELEASE MEASURES

**Use of Personal Precaution, Protective Equipment and Emergency Procedures**

Wear appropriate protective clothing or equipment.

**Environmental precautions**

No relevant information available.

**Methods and Materials Used for Containment and Cleanup procedures**

Place in a waste disposal container in compliance with national/state regulations

### Section 7: HANDLING AND STORAGE

**Precaution for safe handling**

Always wear recommended Personal Protective Equipment. No special precautions are necessary if used correctly. Follow application notes and package insert for recommendation of handling product for usage.

**Advice on General Occupational Hygiene:**

Eating, drinking and smoking should be prohibited in areas where this material is handled stored and processed. Follow good industrial hygiene practices and wash hands after handling.

**Recommendations on the condition for safe storage, including any incompatibilities**

Store in the original container according to the labeling. Material is light sensitive.

### Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Control Parameters**

Exposure Limits or threshold limits: None  
Prevent product from entering drains.

**Engineering Controls:** General protective and hygienic measures.

The usual precautionary measures for handling chemicals should be followed.

**Personal Protective Equipment**

Wear gloves, safety glasses and protective clothing to minimize skin and eye contact.



## SAFETY DATA SHEET

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear light blue liquid
<b>Flammability or Explosive Limits:</b>	Not determined
<b>Odor</b>	No odor
<b>Vapor pressure</b>	Not determined
<b>Odor threshold</b>	Not determined
<b>Vapor density</b>	Not determined
<b>pH</b>	Not determined
<b>Relative density</b>	Not determined
<b>Melting point/ freezing point</b>	Not determined
<b>Solubility</b>	Not determined
<b>Initial boiling point and boiling range</b>	Not determined
<b>Flash point</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Flammability (solid, gas)</b>	Not flammable
<b>Partition coefficient: n-octanol/water</b>	Not determined
<b>Auto-ignition temperature</b>	Product is not self-igniting
<b>Decomposition temperature</b>	Not determined
<b>Viscosity</b>	Not determined

### Section 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Is not reactive.
<b>Chemical Stability</b>	The product is stable under normal conditions.
<b>Possibility of Hazardous reactions</b>	Product is not hazardous.
<b>Conditions to avoid</b>	Not determined.
<b>Incompatible material</b>	Not determined
<b>Hazardous decomposition products</b>	Hazardous decomposition or by products will not occur under normal conditions.

### Section 11: TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

**Acute toxicity:** none

**Information on the likely routes of exposure:** Dermal contact, eye contact and ingestion.

#### Potential Health Effects:

<b>Eyes:</b>	May cause eye irritation with susceptible persons
<b>Skin</b>	May cause skin irritation with susceptible persons
<b>Inhalation</b>	May be harmful by inhalation
<b>Ingestion</b>	May be harmful if swallowed

<b>Carcinogenicity</b>	There is no data available
<b>Mutagenic effects</b>	There is no data available
<b>Reproductive toxicity:</b>	There is no data available

**Specific target organ toxicity:** There is no data available



## SAFETY DATA SHEET

### Section 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Contains no substances known to be hazardous to the environment.
<b>Persistence and degradability</b>	Soluble in water, persistence is unlikely
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	Likely to be mobile in the environment due to its water solubility.
<b>Results of PBT and vPvB assessment</b>	No data available
<b>Other adverse effects</b>	None known.
<b>Chemicals as potential carcinogens listed in</b>	
NTP Report,	No data available
IARC	No data available
OSHA	No data available

### Section 13: DISPOSAL CONSIDERATIONS

#### Waste Disposal Method

- Follow federal, state and local government requirements for disposal.
- US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3.

### Section 14: TRANSPORTATION INFORMATION

<b>UN number and proper shipping name</b>	none
<b>TDG Class:</b>	Not regulated
<b>D.O.T.</b>	Not regulated
<b>IATA</b>	Not regulated

### Section 15: REGULATORY INFORMATION

#### U.S. Federal Regulations:

**SARA** None of the ingredients are listed

**TSCA** (Toxic Substances Control Act): None of the ingredients are listed.

**Clean Water Act (40 CFR 122.21 and 122.42):** Not applicable

**Clean Air Act**, Section 112 This product does not contain Hazardous Air Pollutants

#### U.S. State Regulations

None of the ingredients are listed

This product does not contain any chemicals listed under California Proposition 65



## SAFETY DATA SHEET

### International Regulations

WHMIS Classification:

Non controlled substance.

### Section 16: OTHER INFORMATION

***This material is not intended for food, household, agricultural or cosmetic use. The information in this SDS is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. AutoGenomics shall not be held liable for reliance on the information provided in this SDS and/or any damage resulting from the handling or contact with the above named products.***

Key Legend Information:

N/A – Not Applicable

ND – Not Determined



## SAFETY DATA SHEET

### Appendix 1

Product Name	Catalog Number (PE)
01-xxxx-xx	
INFINITI Factor II-V & MTHFR Assay (96)	01-6010-00, 01-6010-02
INFINITI System Assay for Factor II (96)	01-6020-01
INFINITI Factor II Assay (96)	01-6020-02
INFINITI Factor V Leiden Assay (96)	01-6030-01
INFINITI MTHFR Assay (96)	01-6040-00, 01-6040-02
INFINITI Factor II-V Leiden Assay (96)	01-6050-01, 01-6050-02
INFINITI CFTR-31 Assay (96)	01-6060-00, 01-6060-02
INFINITI ApoE Quad Assay (192)	01-6200-00
INFINITI Factors Plus QUAD Assay (192)	01-6210-00
INFINITI Factor II QUAD Assay (192)	01-6220-00
INFINITI Factor V QUAD Assay (192)	01-6230-00
INFINITI MTHFR QUAD Assay (192)	01-6240-00
INFINITI Factor II-V QUAD Assay (192)	01-6250-00
INFINITI Factor II-V & MTHFR QUAD Assay (192)	01-6260-00
INFINITI AMD Assay (96)	01-6270-00
INFINITI Ashkenazi Jewish 2 Assay (96)	01-6290-00
INFINITI ApoE QUAD AD Assay (192)	01-6310-00
INFINITI Factor II-V & MTHFR AD Assay (96)	01-6320-00
02-xxxx-xx	
INFINITI EGFR Assay (96)	02-6040-00
INFINITI HPV Genotyping Assay (96)	02-6050-00, 02-6050-02
INFINITI KRAS Assay (96)	02-6090-00, 02-6090-02
INFINITI HPV-HR QUAD Assay (192)	02-6100-00, 02-6100-02

Product Name	Catalog Number (PE)
INFINITI KRAS-BRAF Assay (96)	02-6110-00, 02-6110-02
INFINITI BRAF Assay (96)	02-6120-00, 02-6120-02
INFINITI Breast Cancer QUAD Assay (192)	02-6160-00
INFINITI NRAS Assay (96)	02-6170-00
03-xxxx-xx	
INFINITI CYP450 2C9 Assay (96)	03-6020-00
INFINITI CYP450 2C9-VKORC1 Assay (96)	03-6040-00, 03-6040-02
INFINITI UGT1A1 Assay (96)	03-6050-00, 03-6050-02
INFINITI NAT-2 Assay (96)	03-6060-00
INFINITI CYP450 3A4 Assay (96)	03-6070-00
INFINITI CYP450 3A5 Assay (96)	03-6090-00
INFINITI CYP450 2C9-VKR Assay (96)	03-6140-00
INFINITI Warfarin Assay (96)	03-6140-01 03-6140-02
INFINITI CYP450 2C19 Plus Assay (96)	03-6190-00 03-6190-02
INFINITI CYP2C19 Assay (96)	03-6220-01, 03-6220-02
INFINITI CYP2C19 (Quad Format) Assay (192)	03-6230-01, 03-6230-02
INFINITI CYP450 3A4-3A5 Assay (96)	03-6270-00
INFINITI CYP450 2C19 Plus Duplex Assay (192)	03-6280-00
INFINITI CYP450 3A4-3A5 Duplex Assay (192)	03-6350-00
INFINITI CYP450 2C9-VK-R QUAD Assay (192)	03-6360-00
INFINITI CYP450 2C9-VKR-Bu Assay (96)	03-6370-00
INFINITI CYP450 2D6-BC Duplex Assay (192)	03-6380-00
INFINITI CYP450 2B6-QUAD Assay (192)	03-6400-00
INFINITI NeuR Assay (96)	03-6410-00



## SAFETY DATA SHEET

Product Name	Catalog Number (PE)
INFINITI CYP450 2D6-BC Assay (96)	03-6430-00 03-6430-02
INFINITI NeuT Assay (96)	03-6450-00
INFINITI DPYD Assay (96)	03-6460-00
INFINITI 1A2 Assay (96)	03-6470-00
INFINITI 2D6 AD Assay (96)	03-6480-00
INFINITI 2C19 AD Assay (96)	03-6490-00
INFINITI 2C9-VKORC1 AD Assay (96)	03-6500-00
INFINITI 3A4-3A5 AD Assay (96)	03-6510-00
INFINITI 3A4-3A5 Plus AD Assay (96)	03-6520-00
04-xxxx-xx	
INFINITI STD-6 QUAD Assay (192)	04-6060-00
INFINITI CT-NG QUAD Assay (192)	04-6070-00
INFINITI Leuko QUAD Assay (192)	04-6090-00
INFINITI UroGen QUAD Assay (192)	04-6100-00, 04-6100-02
INFINITI RVP Plus Assay (96)	04-6110-00, 04-6110-02
INFINITI Bacterial Vaginosis QUAD Assay (192)	04-6140-00 04-6140-02
INFINITI Candida Vaginitis QUAD Assay (192)	04-6150-00 04-6150-02
INFINITI UroGen Plus QUAD Assay (192)	04-6160-00
INFINITI Resolve QUAD Assay (192)	04-6190-00
INFINITI Candida Vaginitis Plus QUAD Assay (192)	04-6200-00
INFINITI HCV QUAD Assay (192)	04-6230-00
INFINITI GUD QUAD Assay (192)	04-6250-00
INFINITI H. pylori QUAD Assay (192)	04-6270-00
INFINITI GBS QUAD Assay (192)	04-6360-00