

Reagent B (Enzyme)

SECTION 1 — IDENTIFICATION

Product name: chickView™ DNA Sex Test

Catalog or product number: DX-3543-01

Product use: This product is for education and research use only

Supplier: Amplyus LLC
1770 Massachusetts Avenue, Suite 167
Cambridge, MA 02140
Phone: 1-781-990-8727
Fax: 888-317-0512
Emergency Telephone Number: 1-781-990-8727 during US East Coast business hours

SECTION 2 — HAZARDS IDENTIFICATION

GHS classification: Not a dangerous substance or mixture according to the Global Harmonized System (GHS)

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification of the substance or mixture Not classified as hazardous according to Regulation (EC) 1272/2008 [CLP].

Label elements This mixture does not require labeling according to Regulation (EC) 1272/2008 [CLP].

Other hazards This mixture contains 0% of components with unknown hazards to the aquatic environment. No other hazards identified

Hazard statement(s): Product contains no substances which at their given concentration, are considered to be hazardous to health.

Precautionary statement(s): N/A

Hazards not otherwise classified: N/A

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number
Proprietary formula		

SECTION 4 — FIRST AID MEASURES

General information:	No special measures required.
Eye contact:	Flush opened eye immediately with plenty of water. If irritation persists, get medical attention.
Skin contact:	Wash off immediately with plenty of soap and water. If irritation develops, get medical attention.
Inhalation:	Move to fresh air. If breathing becomes difficult, call a physician.
Ingestion:	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

SECTION 5 — FIRE-FIGHTING MEASURES

Conditions of flammability:	Not flammable
Suitable extinguishing media:	Dry chemical, CO ₂ , water spray, or alcohol resistant foam.
Special protective equipment for firefighters:	Wear self-contained breathing apparatus for fire-fighting if necessary
Hazardous combustion products:	N/A

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions:	Prevent skin/eye contact. Wear personal protective equipment as needed.
Environmental precautions:	No special measures required.
Methods and materials for containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

SECTION 7 — HANDLING AND STORAGE

Precautions for safe handling:	No special measures required.
Conditions for safe storage:	No special measures required. Tightly cap the tube and store in freezer at -20 °C.
Incompatible products:	N/A

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

- Engineering controls:** Not required. General room ventilation is adequate for use of this product
- Personal protective measures:** Wash hands thoroughly after handling. Do Not eat, drink or smoke when handling this product.
- Personal protective equipment:**
- Skin protection: protective gloves, appropriate protective clothing
 - Eye protection: safety glasses

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid	Autoignition temperature:	No data available
Color:	Green	Lower explosion limit:	No data available
Odor:	No data available	Upper explosion limit:	No data available
pH:	7.0-7.5	Vapor pressure:	No data available
Melting point/ freezing point:	No data available	Vapor density:	No data available
Boiling point:	No data available	Relative density (water = 1):	No data available
Flash point:	No data available	Partition coefficient (n-octanol/water):	No data available
Evaporation rate:	No data available	Viscosity:	No data available
Ignition temperature:	No data available		

SECTION 10 — STABILITY AND REACTIVITY

- Chemical stability:** Stable for at least 6 months under recommended storage conditions
- Incompatible materials to avoid:** Strong oxidizers, acids, and alkali
- Hazardous decomposition products:** N/A

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute toxicity LD/LC50 values:	No data available
Respiratory or skin sensitization:	Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals
Germ cell mutagenicity:	No data available
Reproductive toxicity:	No data available
Teratogenicity:	No data available
Carcinogenicity:	No components of this product are listed by IARC, NTP, and OSHA

SECTION 12 — ECOLOGICAL INFORMATION

Toxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	Inherently biodegradable. Does not bioaccumulate
Mobility in soil:	No data available
PBT assessment:	No data available
vPvB assessment:	No data available
Other adverse effects:	None known

SECTION 13 — DISPOSAL CONSIDERATIONS

Product:	Dispose of waste in accordance with applicable national, regional, or local regulations. Do not allow product to reach ground water, water course, or sewage system.
Contaminated packaging:	Dispose of packaging in accordance with applicable national, regional, or local regulations.

SECTION 14 — TRANSPORT INFORMATION

This substance is considered to be non-hazardous for transport.

SECTION 15 — REGULATORY INFORMATION

SARA 302/304 (40CFR355.30/40CFR355.40):	This material does not contain any components with a section 302 EHS TPQ or a section 304 EHS RQ
SARA 313:	Substance not listed
SARA 311/312:	No SARA hazards
California Proposition 65:	Substance not listed
Massachusetts right to know:	Substance not listed

SECTION 16 — OTHER INFORMATION

This information is based on our present knowledge and shall be used only as a guide. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Amplyus LLC is not held liable for any damage resulting from handling or from contact with the above-mentioned products.

Reagent A (chickView™ Sex Primers)

SECTION 1 — IDENTIFICATION

Product name: chickView™ DNA Sex Test

Catalog or product number: DX-3543-01

Product use: This product is for education and research use only

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Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification of the substance or mixture: Not classified as hazardous according to Regulation (EC) 1272/2008 [CLP].

Label elements: This mixture does not require labeling according to Regulation (EC) 1272/2008 [CLP].

Other hazards: This mixture contains 0% of components with unknown hazards to the aquatic environment. No other hazards identified

Hazard statement(s): Product contains no substances which at their given concentration, are considered to be hazardous to health.

Precautionary statement(s): N/A

Hazards not otherwise classified: N/A

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number
Primer DNA	n/a	9007-49-2, 3301-79-9
Tris-EDTA (pH 8.0)	1%	77-86-1, 6381-92-6, 7647-01-0
Water	~99%	7732-18-5

SECTION 4 — FIRST AID MEASURES

General information:	No special measures required.
Eye contact:	Flush opened eye immediately with plenty of water. If irritation persists, get medical attention.
Skin contact:	Wash off immediately with plenty of soap and water. If irritation develops, get medical attention.
Inhalation:	Move to fresh air. If breathing becomes difficult, call a physician.
Ingestion:	Rinse mouth with water. Seek medical attention and appropriate follow-up.

SECTION 5 — FIRE-FIGHTING MEASURES

Conditions of flammability:	Not flammable
Suitable extinguishing media:	Dry chemical, CO ₂ , water spray, or alcohol resistant foam.
Special protective equipment for firefighters:	Wear self-contained breathing apparatus for fire-fighting if necessary
Hazardous combustion products:	N/A

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions:	Prevent skin/eye contact. Wear personal protective equipment as needed.
Environmental precautions:	No special measures required.
Methods and materials for containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

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Precautions for safe handling:	No special measures required.
Conditions for safe storage:	No special measures required. Tightly cap the tube and store in freezer at -20 °C.
Incompatible products:	N/A

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 - Eye protection: safety glasses

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid	Autoignition temperature:	No data available
Color:	Clear	Lower explosion limit:	No data available
Odor:	No data available	Upper explosion limit:	No data available
pH:	~7.0-8.0	Vapor pressure:	No data available
Melting point/ freezing point:	No data available	Vapor density:	No data available
Boiling point:	No data available	Relative density (water = 1):	No data available
Flash point:	No data available	Partition coefficient (n-octanol/water):	No data available
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- Chemical stability:** Stable for at least 6 months under recommended storage conditions
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Respiratory or skin sensitization:	No data available
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Teratogenicity:	No data available
Carcinogenicity:	No components of this product are listed by IARC, NTP, and OSHA

SECTION 12 — ECOLOGICAL INFORMATION

Toxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
PBT assessment:	No data available
vPvB assessment:	No data available
Other adverse effects:	None known

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