

I. Identification

Chemical name and synonyms: not applicable
 Trade name and synonyms: Rapid DNA Extraction kit (Ref: 80-02)
 Chemical family: In Vitro Diagnostic Test Kit (Reagents)
 Formula: not applicable
 Proper DOT shipping name: not applicable
 DOT hazard classification: not applicable
 Manufacturer: Astra Biotech GmbH
 Manufacturer's Address: Rudower Chaussee 29,
 12489 Berlin, Germany
 Manufacturer's phone/fax: +49 (0)30 746 96 509/ +49 (0)30 367 405 135

II. Hazards Identification

Product: Rapid DNA Extraction kit

Component	Preservative	Concentration of the hazard substations	Stability at +4°C
Lysis buffer	Sodium azide – 0.05%	-	18 months
Transport medium	Sodium azide – 0.05%	-	18 months
Negative control	Sodium azide – 0.05%	-	18 months

Information on substances derived from tissues of human origin: absence

III. First Aid Measures

Symptoms of exposure:

VERY TOXIC: Lysis buffer, Transport medium, Negative control (Sodium azide – 0.05%)

In case of exposure to reagent solutions, we recommend the following emergency first-aid procedures:

1. Skin or Eye Contact: wash with tape water for at least 15 minutes. Remove any contaminated clothing. Obtain medical attention.
2. Inhalation: remove the affected individual to the fresh air. If breathing is difficult, give oxygen and call a physician.
3. If swallowed: Rinse the mouth with copious amounts of tap water and call a physician.

IV. Fire-fighting measures

No kit compounds contain flammable liquids.

V. Accidental Release Measures

Use standard laboratory absorbent materials for cleanup. Clean by enough water.

VI. Handling and storage

Hygienic Practice in Storage: store at temperature 2-8°C and dry area away from direct sunlight and incompatible substances.

VII. Exposure control and personnel protection

Eye Protection: recommended

Skin Protection: recommended

Respiratory Equipment: recommended

Avoid contact with skin, eyes and clothing. Change contaminated clothes. After work wash hands with water and mild soap.

Good laboratory practices should be followed when handling all the reagents.

VIII. Stability and reactivity

Lysis buffer, Transport medium and Negative control contain sodium azide which is very toxic agent. Kit stable under normal conditions.

IX. Toxicological information

Sodium azide: LD₅₀ (rabbit) 10.0 mg/kg body weight

X. Ecological information:

Sodium azide is toxic to daphnia and other aquatic invertebrates. EC50-Daphnia pulex (Water flea) - 4.2 mg/L- 48h

XI. Disposal consideration



Dispose in accordance with Local, State and Federal Regulations.

XII. Transport Information

This product should be transported at room temperature by all means of transport less than 5 days.

XIII. Regulatory Information

XIV. European Labeling according to Regulation (EC) No 1272/2008.

Name	Percent	CAS-No	hazard Symbols	Class	Risk Phrases
Sodium azide	-	26628-22-8	 Warning	H 400 H 410	Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.
			 Danger	H 300	Fatal if swallowed

XV. Other information

This product is designed and evaluated for the professional use by qualified laboratory staff. It has to be used only as *in vitro* diagnostic medical device.

XVI. Disclaimer

The information above is believed to be accurate and represents the best information currently available to us. However we make no warranty of merchantability or any other warranty expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purpose. In no way shall the company be liable for any claims, losses or damages of any third party or for lost profits of any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.