



1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product Names and Catalog Codes:

- Factor II (Prothrombin G20210A) Real Time hD-frt Kit **(1101-25HD)**
- Factor V Leiden (G1691A) Real Time hD-frt Kit **(1102-25HD)**
- MTHFR (A1298C) Real Time hD-frt Kit **(1103-25HD)**
- MTHFR (C677T) Real Time hD-frt Kit **(1104-25HD)**
- HLA-B27 Real Time hD-frt Kit **(1108-25HD)**
- Factor XIII (Val34Leu) Real Time hD-frt Kit **(1116-25HD)**
- Factor II (Prothrombin G20210A) Real Time hB-frt Kit **(1101-25HB)**
- Factor V Leiden (G1691A) Real Time hB-frt Kit **(1102-25HB)**
- MTHFR (A1298C) Real Time hB-frt Kit **(1103-25HB)**
- MTHFR (C677T) Real Time hB-frt Kit **(1104-25HB)**
- Jak2 (V617F) Real Time hB-frt Kit **(1105-25HB)**
- FMF Real Time hB-frt Kit **(1110-25HB)**
- Plazminojen Aktivator Inhibitor-1 (PAI-1) Real Time hB-frt Kit **(1113-25HB)**
- Factor XIII (Val34Leu) Real Time hB-frt Kit **(1116-25HB)**
- SARS-CoV-2 OneStep RT-PCR Kit (S) **(Dia-CV19-1)**
- SARS-CoV-2 OneStep RT-PCR Kit (S/ORF1ab) **(Dia-CV19-2)**
- SARS-CoV-2 Direct OneStep RT-PCR Kit (S/ORF1ab)**(Dia-CV19-3)**

Manufacturer	Diagen Biotechnologic Systems Incorporation Zübeyde Hanım Mh. 657. Cd. No:8/C 06110 Altındağ ANKARA TÜRKİYE
Telephone	+90 312 384 28 44
Fax	+90 312 384 28 25
Web	www.diagen.com.tr
Email	info@diagen.com.tr
Emergency contact	+90 312 384 28 44

2. HAZARDS IDENTIFICATION

This substance is not classified as dangerous according to Regulation (EC) No. 1272/2008 (EU-GHS/CLP).

3. COMPOSITION/INFORMATION ON INGREDIENTS

- Reaction Buffer Mix
- Oligonucleotid (DNA Primer)
- Fluorescent-labeled oligonucleotide (DNA Probes)
- dH₂O
- Taq Polymerase
- Reverse Transkriptase
- Synthetic DNA

No components need to be disclosed according to the applicable regulators.

4. FIRST AID MEASURES

If inhaled, If breathed in, move person into fresh air. If not breathing give artificial respiration.

In case of skin contact, Wash off with soap and plenty of water.

In case of eye contact, Flush eyes with water as a precaution.

If swallowed, Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.



6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid dust formation.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: store at -20 °C

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Control Parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values

Exposure Controls

Appropriate engineering controls: General industrial hygiene practice.

Eye/Face protection: Use equipment for eye protection tested and approved under appropriate government standards such as EN 166 (EU).

Skin Protection: Choose body protection prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type P1 (EN 143) dust masks. Use respirator and components tested and approved under appropriate government standards such as CEN (EU).

Control of Environmental Exposure: No special environmental precautions required.

9. CHEMICAL AND PHYSICAL PROPERTIES

Physical State: Liquid.

Appearance: Clear.

Odor: Odorless.

pH: Not determined.

Vapor pressure: Not determined.

Vapor density: Not determined.

Boiling point: Not determined.

Melting point: Not determined.

Solubility in water: Not determined.

Specific gravity/density: Not determined.

Molecular Formula: Mixture.

Molecular Weight: Not available.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended storage conditions.

Conditions to avoid: Excess heat and light.

Materials to avoid: Acids, bases, oxidizing agents.

Hazardous decomposition: Chlorine, carbon monoxide, irritating fumes and gases, carbon dioxide, sodium oxide, nitrogen oxide.

Hazardous polymerization: Will not occur.



11. TOXICOLOGICAL INFORMATION

Acute toxicity data:

Eye irritation: Not determined.

Skin irritation: Not determined.

Dermal LD50: Not determined.

Oral LD50: Not determined.

Inhalation LC50: Not determined.

Chronic exposure: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Signs and Symptoms of Exposure: Dermatitis

Other toxicity data:

Testing has not been performed on this product. The information provided herein is based on available data from the ingredients and similar products.

Epidemiology: No information found.

Teratogenicity: No information found..

Neurotoxicity: No information found.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL INFORMATION

Waste generators must consult national and local hazardous waste regulations to ensure complete and accurate classification.

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID: Not regulated IMDG: Not regulated IATA: Not regulated

Road and Rail Transport: Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport: Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

14.2 UN proper shipping name

ADR/RID : Not dangerous goods.

IMDG : Not dangerous goods.

IATA : Not dangerous goods.

14.3 Transport hazard class(es)

ADR/RID: IMDG: IATA:

14.4 Packaging group

ADR/RID: IMDG: IATA:

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Pollution category (X, Y or Z): -

Type of ship (1, 2 or 3): -



15. REGULATORY INFORMATION

EU regulatory information:

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed. R36/37/38: Irritating to eyes, respiratory system and skin.

R61: May cause harm to unborn child.

S24/25: Avoid contact with skin and eyes. In case of contact with the eyes, rinse immediately and seek for medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

16. OTHER INFORMATION

HMIS Rating

Health Hazard: 0

Chronic Health Hazard: 0

Flammability: 0

Physical Hazard: 0

NFPA Rating

Health Hazard: 0

Fire Hazard: 0

Reactivity Hazard: 0

MSDS Creation Date: 02.06.2020

The information above is believed to be accurate and represents the best information currently available. The data provided herein were received from sources outside the Company. Users should make their own investigations to determine the suitability of the information for their particular purposes and are responsible for the safe use of the product.