

I. Identification

Chemical name and synonyms:	not applicable
Trade name and synonyms:	Pharmaco-VKORC1(Ref.:82-02)
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. Composition, Information on Ingredients

Product: Pharmaco-VKORC1 kit

Component	Ingredients	Preservative	Stability at -18...-22°C
Buffer for PCR (B)	dATP dCTP dGTP dTTP 10×Buffer for PCR: Mg ⁺ 3 mM	None	12 months
DNA Polymerase enzyme (P)	HS Taq DNA-polymerase enzyme	None	24 months
Mix (M)	Mix of oligonucleotides: HRM_VKORC1_F HRM_VKORC1_R LNA_VKORC1_G LNA_VKORC1_A H ₂ O	None	12 months

III. Hazards Identification

May not cause harm.

IV. First Aid Measures

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

1. Skin or Eye Contact: wash with tap 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. Ingestion: Rinse the mouth with copious amounts of tap water and call a physician.

V. Fire-fighting measures

Not applicable.

Usage of the reagents according to protocol should not incur a fire or explosion hazard. In case of fire, use water, foam, carbon dioxide or dry chemical, as suitable for surrounding fire and materials.

VI. Clean up measures

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

VII. Handling and storage

Hygienic Practice in Storage: Store in a cool (+2 ...+8°C) and dry area away from direct sunlight and incompatible substances.

VIII. Exposure control and personnel protection

Eye Protection: Recommended

Skin Protection: Recommended

Respiratory Equipment: Not Applicable

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.

IX. Stability and reactivity

Kit does not contain any reactive agents.

It is stable under normal conditions.

X. Toxicological information

Kit does not contain any agents with toxicological (health) effects

XI. Ecological information:

Kit does not contain any agents with adverse biological effects

XII. Disposal consideration

Dispose in accordance with Local, State and Federal Regulations.

XIII. Transport Information

This product should be transported less than 5 days.

XIV. Regulatory Information

Kit components do not have any hazardous effects/risks.

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.