

Material Safety Data Sheet

FITkit[®] Hev b 1

1. PRODUCT AND COMPANY INFORMATION

Product Name: FITkit[®] Hev b 1

Catalogue No: K3-350-020

Manufacturer: Icosagen AS

Eerika tee 1, Ülenurme vald, Tartumaa 61713
ESTONIA

Phone number: + 372 737 7070

Product family: Enzymo immunometric assay (EIA, IEMA) kits

Compliant with: ASTM D7427-16

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Composition	Characteristics
FITkit [®] Hev b 1 Microwell plate	96 wells coated with mouse monoclonal Hev b 1 antibody, packed in a aluminium vacuum bag. Ready for use.	Maxisorp F8 Nunc-Immunomodule – polystyrene, colourless, 96-well plates
FITkit [®] Hev b 1 Assay Buffer	phosphate, sodium chloride, EDTA, bovine plasma albumin (BPLA), detergent and preservative Proclin 300 [®] . Ready for use.	Pink, clear solution
FITkit [®] Hev b 1 calibrators	6 vials, each vial contains purified Hev b 1 protein in a stabilized buffer. The calibrator values are 0, 10, 50, 200, 500 and 1000 µg/L. Ready for use.	Clear, colourless solution
FITkit [®] Hev b 1 Control	Hev b 1 protein in stabilized solution containing BPLA, detergents and preservatives.	Clear, colourless solution
FITkit [®] Hev b 1 Enzyme Conjugate	Mouse monoclonal Hev b 1 antibody conjugated to horse radish peroxidase (HRP) in buffered solution containing stabilizers, BPLA, detergent and preservative Proclin 300 [®] . Ready for use.	Blue, clear solution
FITkit [®] PBS Wash Concentrate	Phosphate Buffered Saline, Tween 20, Proclin 300 [®] .	Clear colourless solution at RT, crystals can be observed when stored at +2°C...+8°C
FITkit [®] HRP Substrate Solution	ABTS (2,2'-azino-di[3-ethyl-benzothiazoline-6-sulphonate]) Peroxidase Substrate. Ready for use.	Colourless to light green
FITkit [®] Stopping Solution	1% Sodium Dodecyl Sulphate (SDS). Ready for use.	Clear colourless solution at RT, Precipitates at low temperatures



3. HAZARDS IDENTIFICATION

Emergency overview: All components listed under section 2 are non-hazardous

Potential health effect: None of the following route of entries: skin, eyes, inhalation, injection

4. FIRST AID MEASURES

Skin exposure: In case of contact of any components wash with plenty of water and soap.

5. HANDLING AND STORAGE

The kit is shipped in cold to ambient conditions at +2°C ...+25°C. After delivery the kit should be stored at +2°C ...+8°C. Follow the specific instructions for handling of each component mentioned in the package insert leaflet.

6. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eyes: wear safety goggles when risk of splashes

Skin: wear gloves

Clothing: wear normal laboratory coats

7. STABILITY AND REACTIVITY

Chemical stability: stable at the storage conditions indicated on the label of each component

Hazardous polymerisation: will not occur

Conditions to avoid: avoid freezing temperatures for the enzyme conjugate

Chemical incompatibility: avoid oxidizing agents for the substrate component.

8. DISPOSAL CONSIDERATIONS

Dispose in accordance with the local state regulations.

9. TRANSPORTATION INFORMATION

Shipping information name: FITkit[®] Hev b 1

Hazard class: NON-HAZARDOUS;

Not restricted with IATA Dangerous Goods Regulations;

DGD Not Required

Harmonized code: 38.22.00

