

# Material Safety Data Sheet

## FITkit<sup>®</sup> Hev b 5

### 1. PRODUCT AND COMPANY INFORMATION

**Product Name:** FITkit<sup>®</sup> Hev b 5

**Catalogue No:** K3-350-040

**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 <sup>®</sup> Hev b 5 Microwell plate	96 wells coated with mouse monoclonal Hev b 5 antibody, packed in a aluminium vacuum bag. Ready for use.	Maxisorp F8 Nunc-Immunomodule – polystyrene, colourless, 96-well plates
FITkit <sup>®</sup> Hev b 5 Assay Buffer	phosphate, sodium chloride, EDTA, bovine plasma albumin (BPLA), mouse monoclonal antibody, detergent and preservative Proclin 300 <sup>®</sup> . Ready for use.	Pink, clear solution
FITkit <sup>®</sup> Hev b 5 calibrators	6 vials, each vial contains purified Hev b 5 protein in a stabilized buffer. The calibrator values are 0, 5, 10, 25, 50 and 100 µg/L. Ready for use.	Clear, colourless solution
FITkit <sup>®</sup> Hev b 5 Control	Hev b 5 protein in stabilized solution containing BPLA, detergents and preservatives.	Clear, colourless solution
FITkit <sup>®</sup> Hev b 5 Enzyme Conjugate	Mouse monoclonal Hev b 5 antibody conjugated to horse radish peroxidase (HRP) in buffered solution containing stabilizers, BPLA, detergent and preservative Proclin 300 <sup>®</sup> . Ready for use.	Blue, clear solution
FITkit <sup>®</sup> PBS Wash Concentrate	Phosphate Buffered Saline, Tween 20, Proclin 300 <sup>®</sup> .	Clear colourless solution at RT, crystals can be observed when stored at +2°C...+8°C
FITkit <sup>®</sup> HRP Substrate Solution	ABTS (2,2'-azino-di[3-ethyl-benzothiazoline-6-sulphonate ]) Peroxidase Substrate. Ready for use.	Colourless to light green
FITkit <sup>®</sup> 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<sup>®</sup> Hev b 5

**Hazard class:** NON-HAZARDOUS;

Not restricted with IATA Dangerous Goods Regulations;

DGD Not Required

**Harmonized code:** 38.22.00

