

## MATERIAL SAFETY DATA SHEET

<b>Product Name:</b> FERRITIN	<b>Code:</b> ACC16-030
<b>Presentation:</b> R1: 1x50 mL R2: 1x5 mL	<b>Supplier:</b> Vital Diagnostics S.r.l. Via Balzella 41/G/4 47100 Forlì, ITALY

### 1. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of monoclonal antibodies against human ferritin coated on colloidal gold particles suspended in borate buffer, stabilizers and sodium azide (< 1 g/L - CAS n° 26628-22-8)

### 2. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	R1 Buffer: clear/colorless R2: red
Odor:	Odorless
H <sub>2</sub> O Solubility	Very soluble

### 3. HAZARD IDENTIFICATION

Sodium Azide: very toxic by inhalation, in contact with skin and if swallowed  
Boric Acid: harmful in contact with skin and if swallowed, wear suitable protective gloves and clothing

### 4. FIRST AID MEASURES

Eye contact:	Rinse eyes immediately with plenty of water
Skin contact:	Wash with plenty of water
Ingestion:	Requires medical control

### 5. FIRE FIGHTING MEASURES

Extinguishing media:	water
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### 6. ACCIDENTAL RELEASE MEASURES

After spillage:	Wash off with plenty of water
Adsorbent material:	Special measure to limit damage are not necessary

### 7. HANDLING AND STORAGE

Handling:	No special requirements
Storage:	Store in tightly closed containers under cool conditions (2-8 °C)
Do not store together:	No restrictions

**Vital Diagnostics S.r.l.**  
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### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory protection: None  
 Hand protection: Disposable gloves

### 9. STABILITY AND REACTIVITY

Hazardous reactions: none known when used appropriately

### 10. TOXICOLOGICAL INFORMATION

LD<sub>50</sub> Oral: not known  
 LD<sub>50</sub> : not known  
 LD<sub>50</sub> Skin: not known  
 LD<sub>50</sub> Inhalation: not known  
 Toxicological Information: cumulative effects and allergies cannot be excluded

### 11. ECOLOGICAL INFORMATION

Ecological data for this product are not available. No ecological problems are expected when the product is handled and used with due care attention. NaN<sub>3</sub> is very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 12. DISPOSAL CONSIDERATION

No special waste-handling cautions needed. Accordance with local regulations should be observed

### 13. TRANSPORT INFORMATION

This product is not subject to current regulations for transportation of hazardous goods

### 14. REGULATORY INFORMATION

This product does not require special labeling, in accordance with the appropriate EC directives

### 15. OTHER INFORMATION

This product is intended for IN VITRO USE ONLY, NOT FOR USE IN HUMANS.

The information herein is believed to be correct as of the date hereof and excludes any guarantee related with the final use given to the product, being the recipient the last responsible for observing the local laws applicable in each case.

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