

MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

Name: FT4 Elisa

Description: Human Serum

Manufacturer: Prestige Diagnostics U.K Ltd.,
40/41 Ballymena Business Centre
Galgorm, Co. Antrim, BT42 1FL
+44(0)28 2564 2100

Cat No. : EIAFT41

Section 2: CHEMICAL COMPOSITION

REAGENTS	INITIAL CONCENTRATION	CLASSIFICATION
STD 0 STD 5 f-T4 1 mL		NOT DANGEROUS
Plasma free of hormones	N/A	
f-T4	0 - 100 pmol/l	
Proclin300	0.20%	
Sodium azide	0.20%	
ENZYME CONJUGATE REAGENT		NOT DANGEROUS
Tris	0.05 mol/l	
BSA	3%	
Proclin 300	0.20%	
T4-HRP	1:32000	
COATED MICROTITER PLATE		NOT DANGEROUS
Coated with T4 structural analog	1:4000	
Other ingredients		
WASH SOLUTION 30 mL		NOT DANGEROUS
PBS	0.01 mol/l	
TWEEN 20	0.05%	
SUBSTRATE SOLUTION		NOT DANGEROUS
hydrogen peroxide	0.02%	
3,3',5,5'- tetramethylbenzidine	0.03%	
STOP SOLUTION		NOT DANGEROUS
sulphuric acid	1 mol/l	

Section 3: HAZARDS IDENTIFICATION

The usual precautions taken when handling chemicals should be observed.

Section 4: FIRST AID MEASURES

Eye contact: flush eyes with water.

Skin contact: wash off with water.

Ingestion: seek medical advice.

Direction for physician: symptomatic treatment by a physician

Section 5: FIRE FIGHTING MEASURES

Extinguishing media: no restriction.

Thermal decomposition: dangerous decomposition is not anticipated.

Section 6: ACCIDENTAL RELEASE MEASURES

After spillage: dilute liquid with water and absorb.

Absorbent material: no restriction.

Special measures to limit damage are not necessary.

Section 7: HANDLING AND STORAGE

Handling: No Special requirements.

Storage: Store in tightly closed containers under cool conditions. Do not store together: no restriction.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

TLV: no

Respiratory protection: none

Eye protection: no

Hand protection: disposable gloves. Wash hands before breaks and at the end of work

Section 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance	STD f-T4 6 X 1 ML	liquid
	ENZYME CONJUGATE REAGENT	liquid
	COATED MICROTITER PLATE	
	TMB SUBSTRATE	liquid
	STOP SOLUTION	liquid
	WASH SOLUTION	liquid
Colour	STD f-T4 6 X 1 ML	yellow
	ENZYME CONJUGATE REAGENT	red
	COATED MICROTITER PLATE	
	WASH SOLUTION	colorless
	TMB SUBSTRATE	colorless
	STOP SOLUTION	colorless
Smell	STD f-T4 6 X 1 ML	odorless
	ENZYME CONJUGATE REAGENT	odorless
	COATED MICROTITER PLATE	odorless
	WASH SOLUTION	odorless
	TMB SUBSTRATE	odorless
	STOP SOLUTION	odorless
pH	STD f-T4 6 X 1 ML	N.D.
	ENZYME CONJUGATE REAGENT	7.4
	COATED MICROTITER PLATE	
	WASH SOLUTION	7.4
	TMB SUBSTRATE	4
	STOP SOLUTION	0
Melting Point	N.D.	
Boiling Point	N.D.	
Ignition Temperature	N.D.	
Flash Point	N.D.	
Explosion Limit	N.D.	
Vapour Tension	N.D.	
Vapour Pressure	N.D.	
Density	N.D.	
Solubility	N.D.	

Section 10: STABILITY & REACTIVITY

Hazardous reactions: none known when used appropriately

Hazardous decomposition products: None

Section 11: TOXICOLOGICAL INFORMATION

LD50 oral: Not Known

LD50 eye: Not Known

LD50 skin: Not Known

LD50 inhalation: Not Known

Toxicological information: toxification has so far not become known.

Section 12: ECOLOGICAL INFORMATION

Not Known

Section 13: DISPOSAL CONSIDERATIONS

Used reagents must be disposed of in accordance with local, national and federal regulations.

Section 14: TRANSPORT INFORMATION

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

Section 15: REGULATORY INFORMATION

This product does not require special labeling, in accordance with the appropriate EEC directives related to dangerous substances.

Section 16: OTHER INFORMATION

Recommended Use: For research or clinical investigational use only.

Not for use on or in human and animals. Information contained in this MSDS relies upon our best knowledge of the product upon issue of this document to describe the use, storage, transport and disposal under safe and secure measures. Such information is not a guarantee of the characteristics and specific quality of the product. This MSDS concerns the stated preparation and cannot apply to the product if used with other materials or in a process other than those specifically stated.