DNlite uPTM-FetA ELISA Kit

Hearing the Silent Phase of Kidney Disease

DNlite uPTM-FetA ELISA Kit Specifications

Intended Use	To be used in conjunction with clinical evaluation as an aid in assessing the prognosis of kidney function in type 2 diabetes (DKD) and kidney transplantation recipients (KT)
Test Principle	ELISA
Time to Result	3 hrs
Detection Target	uPTM-FetA
Kit Contents	Sufficient for 96 determinations, including Standards, Control-H & Control-L
Kit Storage Condition	One box at -10 ~-30°C and the other box at 2~8°C
Specimen Type	Morning urine sample is recommended
Specimen Handling	20 ~ 25°C for 3 hrs 2 ~ 8°C for 72 hrs -10 ~ -30°C for up to 2 weeks (No preservative required)
Specimen Input Volume	50 ul
Controls	Control-H & Control-L
Standard and Control	Each batch shall include Standard #1 - #8(in duplicate), Control-H & Control-L
Analytical Performance	Limit of Detection (LoD): 1.901 ng/mL Limit of Quantitation (LoQ): 5.428 ng/mL Measuring range: 5.428 ~ 250 ng/mL
Normalization Factor	Urine Creatinine
Clinical Cut-off Value	DKD: 7.53 ng/mg (E103/Ucr) KT: 29.1 ng/mg (E103/Ucr)
Result Reporting	High or low risk
Clinical Performance and Application	DKD: hazard ratio 8.94, p-value<0.001 KT: hazard ratio 4.98, p-value<0.001
Reference number	8103106

DNlite uPTM-FetA ELISA Kit Contents

Component	Quantity	Package
Coated Microplate with E103, READY TO USE	96 wells: 12 x 8-well strips	Box (-20°C)
Standard, LYOPHILIZED E103 Powder	2 vials	
1000X mAb anti-E103	1 vial, 10 µL	
4000X HRP Conjugate	1 vial, 10 µL	
Control-H, LYOPHILIZED E103 Powder	2 vials	
Control-L, LYOPHILIZED E103 Powder	2 vials	
Diluent	1 bottle, 50 mL	Box (4°C)
10X Wash Buffer	1 bottle, 50 mL	
TMB Substrate	1 bottle, 20 mL	
Stop Solution	1 bottle, 20 mL	

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