

Reagent Strip for Diagnosis of **HYPERCALCIURIA**

- ◆ **INTENDED USE** To diagnose HYPERCALCIURIA by detection of semi-quantitative calcium amount in urine
- ◆ **CLINICAL CONTRIBUTION** HYPERCALCIURIA is an indicator of ;
 - ▷ Idiopathic Hypercalciuria (a main cause of URINARY STONE and HEMATURIA)
 - ▷ Hyperparathyroidism / Hypercalcemia of malignancy
 - ▷ Renal Failure
 - ▷ Renal tubular acidosis
 - ▷ Vitamin D intoxication
 - ▷ Osteoporosis
- ◆ **TEST METHOD** By visual color comparison of colors of test strip with those on color chart in the product label or by instrument after dipping the strip in a urine sample ▷ **Test results are obtained simply, conveniently and quickly!!!**

◆ TEST SPECIFICATION

Product Model Name	DUS 2Ca, DUS 12Ca, etc.
Measurement Item	Calcium, Creatinine, Calcium/Creatinine Ratio
Required Sample Volume	Approx. 5 ml of Fresh Random Spot Urine
Reaction Time	60 sec.
Reaction Temperature	Room Temperature (2~30°C)

◆ RESULT INTERPRETATION

Calcium/Creatinine Ratio Result ▷▷ Normal < 0.20 , Abnormal ≥ 0.20

Calcium (mg/dl)	Creatinine (mg/dl)				
	10	50	100	200	300
5	Abnormal	Normal	Normal	Normal	Normal
10	Abnormal	Abnormal	Normal	Normal	Normal
20	Abnormal	Abnormal	Abnormal	Normal	Normal
40	Abnormal	Abnormal	Abnormal	Abnormal	Normal

◆ TEST PROCEDURE (visual method)

