FRAS 5

FREE RADICAL ANALYTICAL SYSTEM

PROCEDURE d-ROMs + PAT

d-ROMs +PAT blood sampling by microvette

d-ROMs + PAT: fill the micro vette and place into centrifuge

d-ROMs + PAT: Centrifuge for 90 seconds

d-ROMs: Draw 10 µl of plasma (with white pipette)

d-ROMs: Depose the plasma into the microcuvette

d-ROMs: Mix by inversion

d-ROMs: Pour into cuvette

d-ROMs: Mix by inversion (turning upside down) at least for 10 seconds

d-ROMs: Push the cuvette into the photometer

H&D
Life with less stress

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FREE RADICAL ANALYTICAL SYSTEM

PAT: R1 + R2 (with light green pipette)

PAT: Mix by inversion for 10 seconds

PAT: Push the cuvette into the photometer.1st reading

PAT: Draw 10 µl of plasma (with white pipette)

PAT: Transfer the plasma into the cuvette

PAT: Mix by inversion for 10 seconds

PAT: Push the cuvette into the photometer.2nd reading

PAT: Print out the result after 1 minute

d-ROMs test REFERENCE VALUES	
250-300	**Normal range**
300-320	Border condition
321-340	**Low** level of oxidative stress
341-400	**Middle** level of oxidative stress
401-500	**High** level of oxidative stress
> 500	**Very high** level of oxidative stress
Unit of measurement U. Carr 1 U. Carr = 0.08 mg H2O2/dl	

PAT test REFERENCE VALUES	
> 2800	**Very high value**
2200 – 2800	Normal value
2200 – 2000	Border line low range
2000 – 1800	Slight deficency status
< 1800	**Deficiency** status
Unit of measurement U. Cor 1 U. Cor = 1.4 µmol/L of ascorbic acid	

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