

MiniSat

Free Radical Analytical System

PROCEDURE SAT TEST



Give the piece of cotton to the patient and invite him to roll it in the mouth for 1 minute



Squeeze the cotton with the plastic blue tweezers or manually in order to collect the saliva



Take 40 μ l of R2 solution with the light green pipette



Take the cuvette containing the SAT R1 reagent and add 40 μ l of R2 solution



Close the cuvette with the lid and mix by inversion for 10 seconds



Insert the cuvette into the reading cell



Take a sample of 10 μ l of saliva with the white pipette and add it into the cuvette containing the R1+R2 SAT solution



Close the cuvette with the lid and mix by inversion for 10 seconds



Insert the cuvette into the reading cell



Wait 1 minute for the result on the display



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SAT test REFERENCE VALUES	
< 1000	Shortage
1000-1500	Optimal values
1500-2000	Normal values
2000-2500	Border line
> 2500	Possible inflammatory processes
Unit of measurement: μ mol/L of Vitamin C reference standard	

SAT TEST

TAKING A SALIVA SAMPLE AND TEST PREPARATION

1. Give the piece of cotton (folded into 4 part) to the patient and invite him to roll it in the mouth for 1 minute (for about 60 bites without chewing the cotton) in order to induce the production of saliva. Saliva will be conveyed to the cotton.
2. At the end of the minute, squeeze the cotton with the plastic blue tweezer or manually, in order to collect the saliva into the disposable plastic container, then discard the used cotton.
3. Take the cuvette containing the R1 SAT reagent and add 40 μL of R2 SAT solution using the **light green** pipette equipped with the instrument and the relative disposable tip.
4. Close the cuvette with the lid and mix by inversion, following the countdown of the instrument.
5. Insert the cuvette into the reading cell, making sure that the ribbed sides are oriented in accordance with the label and also make sure that the cuvette is pushed until the bottom of the reading cell. The instrument carries out the first reading in about 2 seconds.
6. Remove the cuvette from the reading cell following the instructions that appear on the display.
7. Take a sample of 10 μL of saliva and add it into the cuvette containing the R1+R2 SAT solution which you just removed from the reading cell of the instrument. The saliva must be taken using the **white** pipette equipped with the instrument and the relative disposable tip.
8. Close the cuvette with the lid and mix by inversion for 10 seconds.
9. Insert the cuvette into the reading cell, as above, making sure that the ribbed sides are oriented in accordance with the label and also make sure that the cuvette is pushed until the bottom of the reading cell. The instrument carries out the second reading.
10. Wait a minute for the result that appears on the display.