

## **C7. RAPID DETERMINATION OF SCREENING-HCV ANTIBODIES IN ORAL FLUID**

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Introduction Determination of HCV antibodies in oral fluid using Quick Time HCV Rapid Antibody Test.

Quick Time Rapid Antibody Test is a disposable test for anti-HCV screening. It is an immunological test for the qualitative detection of Ig G antibodies in oral fluids especially, but also in whole blood obtained by capillary puncture or by venipuncture, plasma and serum.

Material and methods Quick Time Rapid Antibody Test is a test manual is read in 20 minutes. The test contains recombinant protein core, NS3 region of NS4 region and goat anti human Ig G in the control line, which are immobilized on nitrocellulose membranes. The test also contains phosphate buffered saline. Test specimen: oral fluids: the patient should not be eating, drinking, brush your teeth, or chewing gum 20 minutes before the test. Collect saliva and immediately in the developing solution. Blood, plasma, serum: spatula is inserted in the developing solution within 60 minutes after adding the sample. The actual test: the components are brought to room temperature. Place the rack on the bench reusable. Open the developer solution vial. Wipe the upper and lower gum pad without touching the palate, cheeks or tongue. Insert the device in solution development. The wait for 20 minutes. The read test. A single band = negative test, two lanes = positive test.

During 10.01.2013 - 30.06 .2013 Ploiesti in the blood were tested a total of 20 tests Time Quick Rapid Antibody Test on new donors, and patients comparing the results of Quick Time Rapid Antibody test results obtained by the method ELISA.

Results Only patients with elevated reactivity of anti-HCV present positivity in Quick Time Rapid Antibody test.

Conclusions Quick Time Rapid Antibody Test is a screening test that can be used in a family medicine practice, its use in transfusion centers were excluded.