FACTORS KNOWN TO CAUSE FALSE POSITIVE HIV ANTIBODY TEST RESULTS
Researched by Christine Johnson

Anti-carbohydrate antibodies 52,19,13
Naturally-occurring antibodies 5,19
Passive immunization: receipt of gamma globulin or immune globulin (as prophylaxis against infection which contains antibodies) 18, 26, 60,4,22, 42, 43,13
Leprosy 2, 25
Tuberculosis 25
Mycobacterium avium 25
Systemic lupus erythematosus 15, 23
Renal (kidney) failure 48, 23,13
Hemodialysis/renal failure 56,16, 41,10, 49
Alpha interferon therapy in hemodialysis patients 54
Flu 36
Flu vaccination 30,11, 3, 20,13, 43
Herpes simplex I 27
Herpes simplex II 11
Upper respiratory tract infection (cold or flu) 11
Recent viral infection or exposure to viral vaccines 11
Pregnancy in multiparous women 58, 53,13, 43, 36
Malaria 6, 12
High levels of circulating immune complexes 6, 33
Hypergammaglobulinemia (high levels of antibodies) 40, 33
False positives on other tests, including RPR (rapid plasma reagent) test for syphilis 17, 48, 33,10, 49
Rheumatoid arthritis 36
Hepatitis B vaccination 28, 21, 40, 43
Tetanus vaccination 40
Organ transplantation 1, 36
Renal transplantation 35, 9, 48,13, 56
Anti-lymphocyte antibodies 56, 31
Anti-collagen antibodies (found in gay men, haemophiliacs, Africans of both sexes and people with leprosy) 31
Serum-positive for rheumatoid factor, antinuclear antibody (both found in rheumatoid arthritis and other autoantibodies) 14, 62, 53
Autoimmune diseases 44, 29, 10, 40, 49, 43: Systemic lupus erythematosus, scleroderma, connective tissue disease, dermatomyositis
Acute viral infections, DNA viral infections 59, 48, 43, 53, 40, 13
Malignant neoplasms (cancers) 40
Alcoholic hepatitis/alcoholic liver disease 32, 48, 40,10,13, 49, 43, 53
Primary sclerosing cholangitis 48,53
Hepatitis 54
"Sticky" blood (in Africans) 38, 34, 40
Antibodies with a high affinity for polystyrene (used in the test kits) 62, 40, 3
Blood transfusions, multiple blood transfusions 63, 36,13, 49, 43, 41
Multiple myeloma 10, 43, 53
HLA antibodies (to Class I and II leukocyte antigens) 7, 46, 63, 48,10, 13, 49, 43, 53
Anti-smooth muscle antibody 48
Anti-parietal cell antibody 48
Anti-hepatitis A IgM (antibody) 48
Anti-Hbc IgM 48
Administration of human immunoglobulin preparations pooled before 1985 10
Haemophilia 10, 49
Haematologic malignant disorders/lymphoma 43, 53, 9, 48, 13
Primary biliary cirrhosis 43, 53, 13, 48
Stevens-Johnson syndrome 9, 48, 13
Q-fever with associated hepatitis61Heat-treated specimens 51, 57, 24, 49, 48
Lipemic serum (blood with high levels of fat or lipids) 49
Haemolyzed serum (blood where haemoglobin is separated from the red cells) 49
Hyperbilirubinemia 10, 13
Globulins produced during polyclonal gammopathies (which are seen in AIDS risk groups)10, 13, 48
Healthy individuals as a result of poorly-understood cross-reactions10
Normal human ribonucleoproteins 48, 13
Other retroviruses 8, 55, 14, 48, 13
Anti-mitochondrial antibodies 48, 13
Anti-nuclear antibodies 48, 13, 53
Anti-microsomal antibodies 34
T-cell leukocyte antigen antibodies 48, 13
Proteins on the filter paper 13
Epstein-Barr virus 37
Visceral leishmaniasis 45
Receptive anal sex 39, 64

REFERENCES