FACTORS KNOWN TO CAUSE FALSE POSITIVE HIV ANTIBODY TEST RESULTS

(From Continuum Magazine Vol 4 No 3 compiled 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 Tuberculosis25

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)4 0, 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, erythematous, 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 hepatitis 61

Heat-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-reactions 10

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
FACTORS FALSE HIV TEST

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

A9 Sept. 1996, Zenger's, California

REFERENCES


patients with terminal renal insufficiency treated with hemodialysis and following renal transplantation. Deutsche Medizinische Wochenschrift. 111:1087.


