

Some Analytes Measured in Dried Human Blood on Filter Paper

Analyte

Acarboxyprothrombin
 Acylcarnitine
 Adenine phosphoribosyl transferase
 Adenosine deaminase
 Albumin
 alpha-fetoprotein
 Amino Acid profiles
 arginine (Krebs cycle)
 histidine/urocanic acid
 homocysteine
 phenylalanine/tyrosine
 tryptophan
 Androstenedione
 Antipyrine
 Arabinitol enantiomers
 Arginase
 Benzoylcegonine (cocaine)
 Biotinidase
 Biotin
 C-reactive protein
 Carnitine
 Carnosinase
 CD4
 Ceruloplasmin
 Chenodeoxycholic acid
 Chloroquine
 Cholesterol
 Cholinesterase
 Conjugated I- β hydroxy-cholic acid
 Cortisol
 Creatine kinase
 Creatine kinase MM isoenzyme
 Cyclosporin A
 D-penicillamine
 De-ethylchloroquine
 Dehydroepiandrosterone sulfate
 DNA (PCR)
 acetylator polymorphism
 alcohol dehydrogenase
 alpha 1-antitrypsin
 cystic fibrosis
 Duchenne/Becker muscular dystrophy
 glucose-6-phosphate dehydrogenase
 hemoglobinopathies
 A,S,C,E
 D-Punjab
 beta-thalassemia
 hepatitis B virus
 HCMV
 HIV-1
 HTLV-1
 Leber hereditary optic neuropathy
 MCAD
 RNA

Analyte

PKU
 Plasmodium vivax
 sexual differentiation
 21-deoxycortisol
 Desbutylhalofantrine
 Dihydropteridine reductase
 Diptheria/tetanus antitoxin
 Erythrocyte arginase
 Erythrocyte protoporphyrin
 Esterase D
 Fatty acids/acylglycines
 Free β -human chorionic gonadotropin
 Free erythrocyte porphyrin
 Free thyroxine (FT4)
 Free tri-iodothyronine (FT3)
 Fumarylacetoacetase
 Galactose/gal-1-phosphate
 Galactose-1-phosphate uridylyltransferase
 Gentamicin
 Glucose
 Glucose-6-phosphate dehydrogenase
 Glutathione
 Glutathione peroxidase
 Glycocholic acid
 Glycosylated hemoglobin
 Halofantrine
 Hemoglobin variants
 Hexosaminidase A
 Human erythrocyte carbonic anhydrase I
 17 alpha-hydroxyprogesterone
 Hypoxanthine phosphoribosyl transferase
 Immunoreactive trypsin
 Lactate
 Lead
 Lipoproteins
 (a)
 B/A-1
 β
 Lysozyme
 Mefloquine
 Netilmicin
 Phenobarbitone
 Phenytoin
 Phytanic/pristanic acid
 Progesterone
 Prolactin
 Prolidase
 Purine nucleoside phosphorylase
 Quinine
 Reverse tri-iodothyronine (rT3)
 Selenium
 Serum pancreatic lipase
 Sissomicin
 Somatomedin C

Analyte

Specific antibodies
 adenovirus
 anti-nuclear antibody
 anti-zeta antibody
 arbovirus
 Aujeszky's disease virus
 dengue virus
 Dracunculus medinensis
 Echinococcus granulosus
 Entamoeba histolytica
 enterovirus
 Giardia duodenalis
 Helicobacter pylori
 hepatitis B virus
 herpes virus
 HIV-1
 IgE (atopic disease)
 influenza virus
 Leishmania donovani
 leptospira
 measles/mumps/rubella
 Mycobacterium leprae
 Mycoplasma pneumoniae
 Onchocerca volvulus
 parainfluenza virus
 Plasmodium falciparum
 poliovirus
 Pseudomonas aeruginosa
 respiratory syncytial virus
 rickettsia (scrub typhus)
 Schistosoma mansoni
 Toxoplasma gondii
 Treponema pallidum
 Trypanosoma cruzi/rangeli
 vesicular stomatitis virus
 Wuchereria bancrofti
 yellow fever virus
 Specific antigens
 hepatitis B virus
 HIV-1
 Succinylacetone
 Sulfadoxine
 Theophylline
 Thyrotropin (TSH)
 Thyroxine (T4)
 Thyroxine-binding globulin
 Trace elements
 Transferrin
 UDP-galactose-4-epimerase
 Urea
 Uroporphyrinogen I synthase
 Vitamin A
 White blood cells
 Zinc protoporphyrin