neoteryx
Microsampling Solutions by TRAJAN

analytes compatible with dried whole blood microsamples

Information found in the scientific literature and in the field indicates that the following analytes can be or have the potential to be extracted from dried whole blood microsample preparations. This is not an exhaustive list and may change with advances in technology.

steroids / hormones / fatty acids	
Omega 3	Yes
Omega 3 ALA	Yes
Fatty Acids	Yes
Cholesterol	No
HDL / LDL	No
Triglycerides	Yes
Testosterone	Yes
Adiponectin	Yes
ApoA / ApoB	Yes
Leptin	Yes
Adrenaline	Yes
Estradiol	Yes
Progesterone	Yes
17a-hydroxyprogesterone	Yes
Androstenedione	Yes
Cortisol	Yes
DHEA sulfate	Yes
Thyroxine (T4) Total	Yes
Free T4	Yes
Free T3	Yes
Thyroid Stimulating Hormone (TSH)	Yes
Luteinizing Hormone (LH)	Yes
Follicle Stimulating Hormone (FSH)	Yes

vitamins	
Vitamin A	Yes
Vitamin B3	Yes
Vitamin B6	Yes
Vitamin B7	Yes
Vitamin B9	Yes
Vitamin B12	Yes
Vitamin C	No
Vitamin D	Yes
Vitamin E	Yes
Vitamin K	Yes
Carotenoid	No
Coenzyme Q10	No

heavy metals*	
Antimony	Yes
Arsenic	Yes
Cadmium	Yes
Mercury	Yes
Silver	Yes
Thallium	Yes
Chromium	Yes
Cobalt	Yes
Lead	Yes

proteins / peptides / amino acids	
Hematocrit	Yes
Hemoglobin	Yes
HbA1c	Yes
hsCRP	Yes
Creatine	Yes/No
Creatinine	Yes
IGF-1	Yes
Insulin	Yes
C-peptide	Yes
SHBG	Yes
Albumin	Yes
Thyroglobulin	Yes
Thyroid Peroxidase Antibodies (TPO)	Yes
Gamma-Glutamyl Transferase	Yes
Prostate-Specific Antigen	Yes
IL-6	Yes
AST	No
ALT	No
Bilirubin	No
Ferritin	No
Amino Acids	Yes

minerals*	
Iron	Yes
Calcium	Yes
Iodine	Yes
Potassium	No
Copper	Yes
Magnesium	Yes
Sodium	Yes
Phosphate	No
Zinc	Yes
Selenium	Yes

other	
Acetyl L-Carnitine	Yes
Carnitine	Yes
Adenosine	Yes
Urea (uric acid)	Yes
GABA	Yes
Lactic Acid	Yes
Glucose	Yes/No

** Most metals can be measured from dried blood, but surfaces can be easily contaminated with metals (or minerals) from the environment so thorough validations must be conducted.*

A "Yes" indicates that dried microsamples have been demonstrated in the literature and in the market to be compatible with and/or validated on established technologies. A "No" indicates that commonly used analytical technologies are not amenable to dried blood microsample use or that significant modifications of standard protocols are required to attempt validation.

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