

Table 1. List of analytes that have been analyzed in dried blood spot (DBS) samples (not including analytes listed in table 2).

Analyte	Reference
Acylcarnitines/ Carnitine	(Chace, Hillman et al. 1997; Heinig and Henion 1999; Schulze, Schmidt et al. 2003)
Amino acids	(Zytkovicz, Fitzgerald et al. 2001; Deng, Deng et al. 2002; Deng and Deng 2003)
Alpha-fetoprotein	(Mizejewski, Bellisario et al. 1982; Parkinson, McMahon et al. 1996)
Amodiaquine/ Desethylamodiaquine	(Gitau, Muchohi et al. 2004)
Biotinidase	(Yamaguchi, Fukushi et al. 1987; Pettit, Amador et al. 1989; Broda, Baumgartner et al. 2001)
Brucella antibodies	(Takkouche, Iglesias et al. 1995)
Ceruplasmin (Wilson's disease)	(Ohura, Abukawa et al. 1999)
Chloroquine/ Chlorpheniramine	(Okonkwo, Coker et al. 1999; Minzi, Rais et al. 2003)
Cocaine (Benzoyllecgonine)	(Henderson, Powell et al. 1997)
Cysticercus antibodies	(Peralta, Macedo et al. 2001)
Cytokines (multiple)	(Phillips and Krum 1998; Nelson, Grether et al. 2003)
Dichlorodiphenyldichloroethylene	(Burse, DeGuzman et al. 1997)
Dihydropteridine reductase	(Jeeps, Silcox et al. 1986)
Diphtheria/ Tetanus antitoxin	(Arya 1989; Hong, Ke et al. 1996)
Erythrocyte protoporphyrin	(Orfanos, Murphey et al. 1977)
Fatty acids/ Acylglycines	(Schmidt-Sommerfeld, Penn et al. 1993; Bennett, Ragni et al. 1994; Bonham Carter, Watson et al. 1996; Johnson 2000; Kimura, Yoon et al. 2002)
Filariasis antibodies	(Terhell, Haarbrink et al. 1996)
Galactose/ Galactose-1-phosphate	(Orfanos, Jinks et al. 1986; Hong, Yoon et al. 2001)
GALT	(Rhode, Elei et al. 1998; Fujimoto, Okano et al. 2000)
Alpha-D-Galactosidase A	(Chamoles, Blanco et al. 2001)
Glutathione peroxidase	(Kelly and Schedlbauer 1978)
Halophantrine	(Mberu, Muhia et al. 1992)
Hemoglobin variants	(Henderson, Fishlock et al. 1991; Roa, Turner et al. 1993; Eastman, Wong et al. 1996; Hempe, Granger et al. 1997; Wild, Green et al. 2004; Fairhurst, Baruch et al. 2005)
Hepatitis C antibodies	(Judd, Parry et al. 2003)
Homocystine	(Accinni, Campolo et al. 2003)
Human chorionic gonadotropin hormone	(Macri, Anderson et al. 1996; Hallahan, Krantz et al. 2000)
Human Immunodeficiency virus	(Yourno and Conroy 1992)
3-Hydroxybutyrate	(Burrin, Worth et al. 1981)

17-alpha-hydroxyprogesterone	(Arakawa, Maeda et al. 1985; Hofman, Klaniecki et al. 1985; Wallace, Beastall et al. 1986; Maeda, Arakawa et al. 1987; Tsuji, Maeda et al. 1987; Gonzalez, Maentausta et al. 1990; Xu, Pettersson et al. 1992; Erhardt, Solyom et al. 2000; Lai, Tsai et al. 2002)
Immunoreactive Trypsin	(Kirby, Applegarth et al. 1981; Cabrini, Pederzini et al. 1990; Xu, Pettersson et al. 1992)
Insulin-like Growth factor-1	(Mitchell, Hermos et al. 1998; Nindl, Kellogg et al. 2003)
Lactate	(Burrin, Worth et al. 1981)
Alpha-L-Iduronidase	(Chamoles, Blanco et al. 2001)
Lead	(Mehkeri, Romanowski et al. 1976; Wang and Demshar 1992; Srivuthana, Yee et al. 1996; Stanton, Maney et al. 1999; Shen, Zhang et al. 2003; Di Martino, Michniewicz et al. 2004)
Leishmania antibodies	(Rab and Evans 1997)
Beta-Lipoprotein	(Vladutiu, Glueck et al. 1980)
Lysozomal enzymes	(Chamoles, Blanco et al. 2001)
Measles/ Rubella antibodies	(Smedman, Silva et al. 1986; Novello, Ridolfi et al. 1996; Helfand, Keyserling et al. 2001)
Mefloquine	(Bergqvist, Al Kabbani et al. 1993)
Oligosaccharides	(Rozaklis, Ramsay et al. 2002)
Oachocerca volvulus antibodies	(Rodriguez-Perez, Danis-Lozano et al. 1999)
Phytanic acid/ Pristanic acid	(ten Brink, van den Heuvel et al. 1993)
Proguanil	(Kolawole, Taylor et al. 1995; Bergqvist, Funding et al. 1998)
Pseudomonas aeruginosa	(Thanasekaraan, Wiseman et al. 1989)
Pyrimethanine	(Minzi, Masseur et al. 2005)
Quinine	(Rowell and Rowell 1987; Hellgren, Villen et al. 1990; Mberu, Ward et al. 1991; Dua, Sarin et al. 1993; Ericsson, Friden et al. 1993; Kolawole and Mustapha 2000; Jansson, Gustafsson et al. 2003)
RESA (ring-infected erythrocyte surface antigen)	(Croes, McCarthy et al. 1994)
Review	(Duarte, Gyorkos et al. 2002)
RSV antibodies	(Parker and Cubitt 1999)
Rickettsial antibodies	(Nielsen, Siersma et al. 2003)
Gentamicin/ Netilmicin	(Fenollar and Raoult 1999)
Sisomicin	(Fujimoto, Tsuda et al. 1989)
Syphilis antibodies	(Bergqvist, Hjelm et al. 1987; Fujimoto, Tawa et al. 1988; Tawa, Hirose et al. 1989)
Theophylline	(Stevens, Pass et al. 1992)
Thyroid Stimulating Hormone	(Li, Lee et al. 1986; Watson, Oliveira et al. 2001)
Thyroxine-binding globulin	(Sullivan, May et al. 1997)
	(Dussault, Morissette et al. 1980)

Toxoplasma gondii antibodies (toxoplasmosis)	(Petersen and Eaton 1999; Sorensen, Spenter et al. 2002)
Treponema pallidum (syphilis)	(Backhouse, Lee et al. 1992)
Trichomonas vaginalis antibodies	(Mason, Fiori et al. 2005)
Trypanosoma cruzi antibodies	(Zicker, Smith et al. 1990)
Urea	(Plumbe and Worth 1985)
Wuchereria bancrofti antigen	(Itoh, Gunawardena et al. 1998)
Zinc Protoporphyrin	(Joselow and Flores 1976; Ho, Guthrie et al. 1987; Orfanos, Guthrie et al. 1989)
HPRT	(Jacomelli, Micheli et al. 2002)
Nandrolone	(Howe and Handelsman 1997)
Thyroxine	(Larsen and Broskin 1975)
Phenylalanine	(listed 1971; Newman and Starr 1971; Rudy, Rutledge et al. 1987; Rivero, Allue et al. 2000)
Reverse Triiodothyronine	(Filetti, Catanuso et al. 1980)
Echinococcus	(Coltorti, Guarnera et al. 1988; Kenny and MacCabe 1993)
Glucose 6-phosphate dehydrogenase	(Schoos-Barbette, Dodinval-Versie et al. 1976; Nie and Zhao 1999; Simkins and Culp 1999)
Fumarylacetoacetase	(Laberge, Grenier et al. 1990)
21-deoxycortisol	(Arakawa, Maeda et al. 1985)
Succinylacetone	(Allard, Grenier et al. 2004)
Uroporphyrinogen-1-synthase	(Johansson, Thunell et al. 1984)
Glutathione	(Orfanos, Naylor et al. 1980)
Giardia antibodies	(Al-Tukhi, Ackers et al. 1993)
malaria antigen	(Jeffery, McWilson et al. 1975; Wirtz, Duncan et al. 1989; Biswas 2004)