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High-performance liquid chromatographic method for routine determination of vitamins A and E and beta-carotene in plasma

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#	Paper	IF	Citations
99	Simultaneous determination of retinol, alpha-tocopherol and retinyl palmitate in plasma of premature newborns by reversed-phase high-performance liquid chromatography. <i>Biomedical Applications</i> , 1993 , 617, 313-7		17
98	Simple determination of retinol, alpha-tocopherol and carotenoids (lutein, all-trans-lycopene, alpha- and beta-carotenes) in human plasma by isocratic liquid chromatography. <i>Biomedical Applications</i> , 1994 , 654, 129-33		64
97	Effect of intake of exogenous vitamins C, E and beta-carotene on the antioxidative status in kidneys of rats with streptozotocin-induced diabetes. <i>Molecular Nutrition and Food Research</i> , 1995 , 39, 257-61		48
96	Plasma fatty acid profile and prooxidative-antioxidative parameters in vegetarians. <i>Molecular Nutrition and Food Research</i> , 1995 , 39, 452-7		2
95	Determination of vitamin A in dried human blood spots by high-performance capillary electrophoresis with laser-excited fluorescence detection. <i>Biomedical Applications</i> , 1995 , 665, 89-96		41
94	Chromatographic and electrophoretic analysis of biomedically important retinoids. <i>Biomedical Applications</i> , 1995 , 671, 381-425		52
93	Systemic oxidative stress and its relationship with age and illness. Associazione Medica "Sabin". <i>Journal of the American Geriatrics Society</i> , 1996 , 44, 823-7	5.6	61
92	Lipid and antioxidant blood levels in vegetarians. Molecular Nutrition and Food Research, 1996, 40, 17-2	0	12
91	Gas chromatographic separation of volatile furans from birchwood smoke. <i>Journal of Chromatography A</i> , 1996 , 753, 151-155	4.5	10
90	Synthesis and characterization of extended length alkyl stationary phases for liquid chromatography with application to the separation of carotenoid isomers. <i>Journal of Chromatography A</i> , 1996 , 753, 37-45	4.5	18
89	Simultaneous Determination of Nine Water and Fat Soluble Vitamins After SPE Separation and RP-HPLC Analysis in Pharmaceutical Preparations and Biological Fluids. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997 , 20, 3203-3231	1.3	62
88	In vivo formation of 8-Epi-prostaglandin F2 alpha is increased in hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 3230-5	9.4	320
87	Influence of vegetarian and mixed nutrition on selected haematological and biochemical parameters in children. <i>Molecular Nutrition and Food Research</i> , 1997 , 41, 311-4		24
86	Determination of retinol, alpha-tocopherol, alpha- and beta-carotene by direct extraction of human serum using high performance liquid chromatography. <i>Biomedical Chromatography</i> , 1998 , 12, 89-93	1.7	23
85	Sensitive method for measuring tissue alpha-tocopherol and alpha-tocopheryloxybutyric acid by high-performance liquid chromatography with fluorometric detection. <i>Biomedical Applications</i> , 1998 , 707, 308-11		18
84	Determination of lycopene, alpha-carotene and beta-carotene in serum by liquid chromatography-atmospheric pressure chemical ionization mass spectrometry with selected-ion monitoring. <i>Biomedical Applications</i> , 1998 , 708, 67-73		28
83	Application of cloud-point extraction-reversed-phase high-performance liquid chromatography. A preliminary study of the extraction and quantification of vitamins A and E in human serum and whole blood. <i>Biomedical Applications</i> , 1998 , 716, 129-37		66

82	Vitamins. Journal of Chromatography Library, 1998 , 60, 651-735		O
81	Cardiovascular risk factors in non-insulin-dependent diabetics compared to non-diabetic controls: a population-based survey among Asians in Singapore. <i>Atherosclerosis</i> , 1998 , 136, 25-31	3.1	48
80	Cardiovascular risk factors in relation to cigarette smoking: a population-based survey among Asians in Singapore. <i>Atherosclerosis</i> , 1998 , 137, 253-8	3.1	37
79	Effect of thyroid function on LDL oxidation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 18, 732-7	9.4	65
78	Increased levels of soluble P-selectin in hypercholesterolemic patients. <i>Circulation</i> , 1998 , 97, 953-7	16.7	156
77	Low-density lipoprotein oxidation and vitamins E and C in sustained and white-coat hypertension. <i>Hypertension</i> , 1998 , 31, 621-6	8.5	30
76	Vitamins, selenium, iron, and coronary heart disease risk in Indians, Malays, and Chinese in Singapore. <i>Journal of Epidemiology and Community Health</i> , 1998 , 52, 181-5	5.1	31
75	Dietary vitamin E levels affect outcome of permanent focal cerebral ischemia in rats. <i>Stroke</i> , 1998 , 29, 1002-5; discussion 1005-6	6.7	49
74	Oxidative stress and advancing age: results in healthy centenarians. <i>Journal of the American Geriatrics Society</i> , 1998 , 46, 833-8	5.6	83
73	Simultaneous determination of serum retinol and alpha- and gamma-tocopherol levels in type II diabetic patients using high-performance liquid chromatography with fluorescence detection. <i>Biomedical Applications</i> , 1999 , 730, 265-71		28
72	Simple high-performance liquid chromatographic method for determination of alpha-tocopherol in human plasma. <i>Biomedical Applications</i> , 1999 , 732, 227-31		23
71	Simple high-performance liquid chromatographic method for the determination of tocotrienols in human plasma. <i>Biomedical Applications</i> , 1999 , 735, 279-83		26
70	An isocratic LC method for the simultaneous determination of vitamins A, C, E and beta-carotene. Journal of Pharmaceutical and Biomedical Analysis, 1999, 21, 399-406	3.5	20
69	High rat food vitamin E content improves nerve function in streptozotocin-diabetic rats. <i>European Journal of Pharmacology</i> , 1999 , 376, 217-22	5.3	30
68	Determination of tocopherol acetate in emulsified nutritional supplements by solid-phase extraction and high-performance liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , 2000 , 881, 243-9	4.5	12
67	Chromatographic determination of carotenoids in foods. <i>Journal of Chromatography A</i> , 2000 , 881, 543-	54 .5	165
66	Traditional and alternative nutritionlevels of homocysteine and lipid parameters in adults. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2000 , 60, 657-64	2	14
65	In vivo lipid peroxidation and platelet activation in cystic fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 162, 1195-201	10.2	77

64	Effects of vitamin E supplementation on F(2)-isoprostane and thromboxane biosynthesis in healthy cigarette smokers. <i>Circulation</i> , 2000 , 102, 539-45	16.7	94
63	Oxidant stress and aspirin-insensitive thromboxane biosynthesis in severe unstable angina. <i>Circulation</i> , 2000 , 102, 1007-13	16.7	187
62	Vitamins. 2000 ,		3
61	Hyperlipidemia and reproductive failure in captive-reared alligators: vitamin E, vitamin A, plasma lipids, fatty acids, and steroid hormones. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001 , 128, 285-94	2.3	24
60	DETERMINATION OF VITAMIN E IN PORCINE PLASMA AFTER ORAL ADMINISTRATION OF VITAMIN E-ENRICHED FEEDSTUFFS USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Analytical Letters</i> , 2001 , 34, 2303-2310	2.2	2
59	Intracellular glutathione deficiency is associated with enhanced nuclear factor-kappaB activation in older non-insulin dependent diabetic patients. <i>Free Radical Research</i> , 2001 , 35, 873-84	4	19
58	Rapid high-performance liquid chromatographic method for the simultaneous determination of retinol, alpha-tocopherol and beta-carotene in human plasma and low-density lipoproteins. <i>Biomedical Applications</i> , 2001 , 758, 315-22		40
57	Effect of alpha-tocopherol supplementation on the ultrastructural abnormalities of peripheral nerves in experimental diabetes. <i>Journal of the Peripheral Nervous System</i> , 2001 , 6, 33-9	4.7	6
56	Vitamin E and lipid peroxide plasma levels predict the risk of cardiovascular events in a group of healthy very old people. <i>Journal of the American Geriatrics Society</i> , 2001 , 49, 533-7	5.6	48
55	Double-blind, randomised study of the effect of combined treatment with vitamin C and E on albuminuria in Type 2 diabetic patients. <i>Diabetic Medicine</i> , 2001 , 18, 756-60	3.5	85
54	Analysis of lipophilic antioxidants in human serum and tissues: tocopherols and carotenoids. <i>Journal of Chromatography A</i> , 2001 , 936, 83-93	4.5	71
53	Determination of retinoids in galenicals by column liquid chromatography with fluorescence and diode-array detection. <i>Journal of Chromatography A</i> , 2001 , 905, 345-50	4.5	13
52	Low-density lipoprotein level reduction by the 3-hydroxy-3-methylglutaryl coenzyme-A inhibitor simvastatin is accompanied by a related reduction of F2-isoprostane formation in hypercholesterolemic subjects: no further effect of vitamin E. <i>Circulation</i> , 2002 , 106, 2543-9	16.7	102
51	Prolonged, low dose alpha-tocopherol therapy counteracts intercellular cell adhesion molecule-1 activation. <i>Clinica Chimica Acta</i> , 2002 , 320, 5-9	6.2	11
50	Coenzyme Q10 and differences in coronary heart disease risk in Asian Indians and Chinese. <i>Free Radical Biology and Medicine</i> , 2002 , 32, 132-8	7.8	44
49	Simultaneous determination of nicotinamide, pyridoxine hydrochloride, thiamine mononitrate and riboflavin in multivitamin with minerals tablets by reversed-phase ion-pair high performance liquid chromatography. <i>Biomedical Chromatography</i> , 2002 , 16, 504-7	1.7	31
48	Determination of vitamins A, D, E, and K in human and bovine serum, and Ecarotene and vitamin A palmitate in cosmetic and pharmaceutical products, by isocratic HPLC. <i>Chromatographia</i> , 2002 , 55, 289-2	296	21
47	Simultaneous determination of deuterated and non-deuterated alpha-tocopherol in human plasma by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 794, 1-8	3.2	6

(2006-2003)

46	Simultaneous determination of tocotrienols, tocopherols, retinol, and major carotenoids in human plasma. <i>Clinical Chemistry</i> , 2003 , 49, 2056-66	5.5	84
45	The role of plasma thiol compounds and antioxidant vitamins in patients with cardiovascular diseases. <i>Clinica Chimica Acta</i> , 2003 , 338, 99-105	6.2	42
44	Simultaneous Determination of Retinoic Acid, Retinol, and Retinyl Palmitate in Ram Plasma by Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003 , 26, 559-572	1.3	7
43	Effect of a standardized grape seed extract on low-density lipoprotein susceptibility to oxidation in heavy smokers. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 1250-7	12.7	82
42	Effects of phenol-depleted and phenol-rich diets on blood markers of oxidative stress, and urinary excretion of quercetin and kaempferol in healthy volunteers. <i>Journal of the American College of Nutrition</i> , 2003 , 22, 217-23	3.5	58
41	Functional hyperhomocysteinemia in healthy vegetarians: no association with advanced glycation end products, markers of protein oxidation, or lipid peroxidation after correction with vitamin B(12). Clinical Chemistry, 2003 , 49, 983-6	5.5	8
40	Effects of bezafibrate and simvastatin on endothelial activation and lipid peroxidation in hypercholesterolemia: evidence of different vascular protection by different lipid-lowering treatments. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 5341-7	5.6	46
39	Development and application of new C30-modified TLC plates. <i>Journal of Planar Chromatography - Modern TLC</i> , 2003 , 16, 256-262	0.9	4
38	Omega-3 fatty acids and selenium as coronary heart disease risk modifying factors in Asian Indian and Chinese males. <i>Nutrition</i> , 2004 , 20, 967-73	4.8	20
37	Hydroxyl radical generation, levels of tumor necrosis factor-alpha, and progression to heart failure after acute myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 2000-8	15.1	41
36	Influence of cigarette smoking on vitamin E, vitamin A, beta-carotene and lycopene concentrations in human pre-ovulatory follicular fluid. <i>International Journal of Immunopathology and Pharmacology</i> , 2004 , 17, 389-93	3	27
35	Alterations in the oxidant-antioxidant status in prepubertal children with growth hormone deficiency: effect of growth hormone replacement therapy. <i>Clinical Endocrinology</i> , 2005 , 63, 537-42	3.4	24
34	Increased oxidative stress in prepubertal severely obese children: effect of a dietary restriction-weight loss program. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 2653-8	5.6	88
33	[Impact of green tea on oxidative stress induced by ammonium metavanadate exposure in male rats]. <i>Comptes Rendus - Biologies</i> , 2006 , 329, 775-84	1.4	18
32	The relationship between micronuclei in human lymphocytes and selected micronutrients in vegetarians and non-vegetarians. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006 , 611, 64-70	3	28
31	Analysis of carotenoids in vegetable and plasma samples: A review. <i>Journal of Food Composition and Analysis</i> , 2006 , 19, 97-111	4.1	144
30	Estimate of antioxidant capacity and lipid peroxidation in plasma of healthy subjects. <i>Open Medicine (Poland)</i> , 2006 , 1, 23-34	2.2	
29	Association of metabolic syndrome risk factors with selected markers of oxidative status and microinflammation in healthy omnivores and vegetarians. <i>Molecular Nutrition and Food Research</i> , 2006 , 50, 858-68	5.9	49

28	Erythrocyte metabolism and antioxidant status of patients with Wilson disease with hemolytic anemia. <i>Pediatric Research</i> , 2006 , 59, 593-7	3.2	39
27	Increased oxidative stress in prepubertal children born small for gestational age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1372-8	5.6	44
26	Determinants of platelet activation in Alzheimerß disease. Neurobiology of Aging, 2007, 28, 336-42	5.6	62
25	Plasma lycopene and antioxidant vitamins in asthma: the PLAVA study. <i>Journal of Asthma</i> , 2007 , 44, 42	9-3.3	38
24	Effects of high-dose vitamin E supplementation on oxidative stress and microalbuminuria in young adult patients with childhood onset type 1 diabetes mellitus. <i>Diabetes/Metabolism Research and Reviews</i> , 2007 , 23, 539-46	7.5	21
23	Simple GC-FID method development and validation for determination of alpha-tocopherol (vitamin E) in human plasma. <i>Journal of Proteomics</i> , 2007 , 70, 363-8		8
22	Effect of vitamin E treatment on the oxidative damage occurring in Henoch-Schilein purpura. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007 , 92, 546-550	3.1	14
21	Increased oxidative stress in epileptic children treated with valproic acid. <i>Epilepsy Research</i> , 2008 , 78, 171-7	3	76
20	Increased levels of 8-hydroxydeoxyguanosine and its relationship with lipid peroxidation and antioxidant vitamins in lung cancer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 107-12	5.9	21
19	Impact of dietary restriction on peroxidative effects of nickel chloride in wistar rats. <i>Toxicology Mechanisms and Methods</i> , 2008 , 18, 597-603	3.6	2
18	Ultra-High-Pressure Liquid Chromatographic method for the analysis of tocopherols in human colostrum and milk. <i>Journal of Chromatography A</i> , 2009 , 1216, 4388-94	4.5	24
17	Circulating plasma antioxidants, inflammatory markers and asymptomatic carotid atherosclerosis in end-stage renal disease patients: a case control study. <i>International Journal of Immunopathology and Pharmacology</i> , 2010 , 23, 327-34	3	6
16	Peripheral blood lymphocytes: a model for monitoring physiological adaptation to high altitude. High Altitude Medicine and Biology, 2010 , 11, 333-42	1.9	19
15	Vitamins, 2. Vitamin A (Retinoids). 2011 ,		2
14	The influence of inclusions of vitamin E and corn oil on semen traits of Japanese quail (Coturnix coturnix japonica). <i>Animal Reproduction Science</i> , 2011 , 123, 119-25	2.1	9
13	PROCESSING OF PEACH NECTAR BY PULSED ELECTRIC FIELDS WITH RESPECT TO PHYSICAL AND CHEMICAL PROPERTIES AND MICROBIAL INACTIVATION. <i>Journal of Food Process Engineering</i> , 2011 , 34, 1506-1522	2.4	15
12	Free radical reaction products and antioxidant capacity in beating heart coronary artery surgery compared to conventional bypass. <i>Biochemistry (Moscow)</i> , 2011 , 76, 677-85	2.9	12
11	Apricot Nectar Processing by Pulsed Electric Fields. <i>International Journal of Food Properties</i> , 2013 , 16, 216-227	3	16

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10	Development and validation of a single HPLC method for determination of £locopherol in cell culture and in human or mouse biological samples. <i>Biomedical Chromatography</i> , 2015 , 29, 843-52	1.7	6
9	Treatment of bile acid amidation defects with glycocholic acid. <i>Hepatology</i> , 2015 , 61, 268-74	11.2	40
8	Change regime of aroma active compounds in response to pulsed electric field treatment time, sour cherry juice apricot and peach nectars, and physical and sensory properties. <i>Innovative Food Science and Emerging Technologies</i> , 2016 , 33, 195-205	6.8	24
7	Ameliorated Effects of (-)-Epigallocatechin Gallate Against Toxicity Induced by Vanadium in the Kidneys of Wistar Rats. <i>Biological Trace Element Research</i> , 2017 , 180, 239-245	4.5	12
6	Effects of co-exposure to lead and zinc on redox status, kidney variables, and histopathology in adult albino rats. <i>Toxicology and Industrial Health</i> , 2018 , 34, 469-480	1.8	20
5	Vitamins, 2. Vitamin A (Retinoids). 2020 , 1-26		1
5	Vitamins, 2. Vitamin A (Retinoids). 2020 , 1-26 Health Effects of Plant Foods and the Possibility of Reducing Health Risk.		1
		0.9	10
4	Health Effects of Plant Foods and the Possibility of Reducing Health Risk. Oxidant/antioxidant status in obese adolescent females with acne vulgaris. <i>Indian Journal of</i>	0.9	