

Improved method for acetaldehyde in plasma and hemolysates Results in teetotalers and alcoholics reporting for treatment

Alcohol

4, 477-480

DOI: 10.1016/0741-8329(87)90089-9

Citation Report

#	ARTICLE	IF	CITATIONS
1	Estimation of blood acetaldehyde during ethanol metabolism: A sensitive HPLC/fluorescence microassay with negligible artifactual interference. <i>Alcohol</i> , 1987, 4, 473-476.	1.7	33
2	Formation of acetaldehyde adducts with ethanol-inducible P450IIE1 in vivo. <i>Biochemical and Biophysical Research Communications</i> , 1988, 154, 584-590.	2.1	146
3	Role of acetaldehyde in the pathogenesis of alcoholic liver disease. <i>Molecular Aspects of Medicine</i> , 1988, 10, 179-190.	6.4	43
4	Rapid association of acetaldehyde with hemoglobin in human volunteers after low dose ethanol. <i>Alcohol</i> , 1988, 5, 371-374.	1.7	43
5	Covalent binding of acetaldehyde to type III collagen. <i>Biochemical and Biophysical Research Communications</i> , 1989, 159, 163-169.	2.1	27
6	Reactions of biogenic aldehydes with hemoglobin. <i>Alcohol</i> , 1989, 6, 71-75.	1.7	13
7	Studies of Whole Blood Associated Acetaldehyde as a Marker for Alcohol Intake in Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 1989, 13, 845-848.	2.4	20
8	Characterization of the Increased Binding of Acetaldehyde to Red Blood Cells in Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 1989, 13, 654-659.	2.4	34
9	A Comparative Blinded Study in Miniature Swine of Whole Blood-, Hemoglobin-, Platelet-, Plasma-, and Lymphocyte-Associated Acetaldehyde as Markers for Ethanol Intake. <i>Alcoholism: Clinical and Experimental Research</i> , 1990, 14, 717-720.	2.4	13
10	Hemoglobin-Acetaldehyde Adducts in Human Volunteers Following Acute Ethanol Ingestion. <i>Alcoholism: Clinical and Experimental Research</i> , 1990, 14, 838-841.	2.4	46
11	The effect of cigarette smoking on breath and whole blood-associated acetaldehyde. <i>Alcohol</i> , 1990, 7, 285-287.	1.7	29
12	Correlation of self-administered alcoholism screening test with hemoglobin-associated acetaldehyde. <i>Alcohol</i> , 1990, 7, 289-293.	1.7	17
13	Studies of urine-associated acetaldehyde as a marker for alcohol intake in mice. <i>Alcohol</i> , 1991, 8, 439-441.	1.7	7
14	Hemoglobin associated acetaldehyde correlates with the self-administered alcoholism screening test but not glycated hemoglobin in type II diabetes mellitus. <i>Alcohol</i> , 1991, 8, 183-185.	1.7	15
15	Studies of whole blood associated acetaldehyde as a marker for alcohol intake: Effect of gender in mice. <i>Alcohol</i> , 1991, 8, 35-38.	1.7	14
16	Urinary Markers of Chronic Excessive Ethanol Consumption. <i>Alcoholism: Clinical and Experimental Research</i> , 1991, 15, 881-885.	2.4	4
17	The formation of stable acetaldehyde-hemoglobin adducts in a red blood cell model. <i>Alcohol</i> , 1992, 9, 563-569.	1.7	11
18	Utility and evaluation of biochemical markers of alcohol consumption. <i>Journal of Substance Abuse</i> , 1992, 4, 277-297.	1.1	24

#	ARTICLE	IF	CITATIONS
19	Chromatographic methods for blood alcohol determination. <i>Biomedical Applications</i> , 1992, 580, 161-190.	1.7	68
20	Comparative Evaluation of the Clinical Utility of Three Markers of Ethanol Intake: The Effect of Gender. <i>Alcoholism: Clinical and Experimental Research</i> , 1993, 17, 225-229.	2.4	30
21	Leucine and Glucose Turnover in Chronic Alcoholics During Early Abstinence and After an Ethanol Load. <i>Alcoholism: Clinical and Experimental Research</i> , 1993, 17, 1295-1300.	2.4	6
22	Review: Development of a fluid phase measure of acetaldehyde for biological samples. <i>Alcohol</i> , 1993, 10, 327-332.	1.7	7
23	Studies of whole blood-associated acetaldehyde levels in teetotalers. <i>Alcohol</i> , 1993, 10, 409-413.	1.7	21
24	PROBLEMS INVOLVED IN THE DETERMINATION OF ENDOGENOUS ACETALDEHYDE IN HUMAN BLOOD. <i>Alcohol and Alcoholism</i> , 0, , .	1.6	0
25	DISTRIBUTION OF ACETALDEHYDE IN HUMAN BLOOD: EFFECTS OF ETHANOL AND TREATMENT WITH DISULFIRAM. <i>Alcohol and Alcoholism</i> , 0, , .	1.6	4
26	Acetaldehyde-Induced Stimulation of Collagen Synthesis and Gene Expression Is Dependent on Conditions of Cell Culture: Studies with Rat Lipocytes and Fibroblasts. <i>Alcoholism: Clinical and Experimental Research</i> , 1994, 18, 403-409.	2.4	45
27	Studies of the Oxidation of Ethanol to Acetaldehyde by Oxyhemoglobin Using Fluorogenic High-Performance Liquid Chromatography. <i>Alcoholism: Clinical and Experimental Research</i> , 1994, 18, 1202-1206.	2.4	15
28	Enzymes and circulating proteins as markers of alcohol abuse. <i>Clinica Chimica Acta</i> , 1994, 226, 191-209.	1.1	25
29	Association of high density lipoprotein with whole blood-associated acetaldehyde levels. <i>Alcohol</i> , 1994, 11, 3-6.	1.7	1
30	Quantifying ethanol by high performance liquid chromatography with precolumn enzymatic conversion and derivatization with fluorimetric detection. <i>Alcohol</i> , 1994, 11, 577-582.	1.7	7
31	EVIDENCE FOR THE FORMATION OF MULTIPLE TYPES OF ACETALDEHYDE-HAEMOGLOBIN ADDUCTS. <i>Alcohol and Alcoholism</i> , 1994, , .	1.6	2
32	Daidzin suppresses ethanol consumption by Syrian golden hamsters without blocking acetaldehyde metabolism.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 8990-8993.	7.1	58
33	Validated Fluorimetric HPLC Analysis of Acetaldehyde in Hemoglobin Fractions Separated by Cation Exchange Chromatography: Three New Peaks Associated with Acetaldehyde. <i>Alcoholism: Clinical and Experimental Research</i> , 1995, 19, 939-944.	2.4	15
34	Acetaldehyde-Serum Protein Adducts Inhibit Interleukin-2 Secretion in Concanavalin A-Stimulated Murine Splenocytes: A Potential Common Pathway for Ethanol-Induced Immunomodulation. <i>Alcoholism: Clinical and Experimental Research</i> , 1995, 19, 345-349.	2.4	11
35	A Structural Assignment for a Stable Acetaldehyde-Lysine Adduct. <i>Journal of Biological Chemistry</i> , 1995, 270, 11263-11266.	3.4	46
36	Differences in the Serum Levels of Acetaldehyde and Cytotoxic Acetaldehyde-Albumin Complexes after the Consumption of Red and White Wine: In Vitro Effects of Flavonoids, Vitamin E, and other Dietary Antioxidants on Cytotoxic Complexes. <i>Alcoholism: Clinical and Experimental Research</i> , 1996, 20, 799-803.	2.4	16

#	ARTICLE	IF	CITATIONS
37	A Discriminant Function for Preeclampsia: Case-Control Study of Minor Hemoglobins, Red Cell Enzymes, and Clinical Laboratory Values. <i>American Journal of Perinatology</i> , 1997, 14, 297-302.	1.4	1
38	An Accurate, Automated, Simultaneous Gas Chromatographic Headspace Measurement of Whole Blood Ethanol and Acetaldehyde for Human In Vivo Studies. <i>Journal of Analytical Toxicology</i> , 1997, 21, 134-141.	2.8	23
39	Alcohol Metabolism in Asian-American Men with Genetic Polymorphisms of Aldehyde Dehydrogenase. <i>Annals of Internal Medicine</i> , 1997, 127, 376.	3.9	92
40	LOW-MOLECULAR-WEIGHT METABOLITES RELEVANT TO ETHANOL METABOLISM: CORRELATION WITH ALCOHOL WITHDRAWAL SEVERITY AND UTILITY FOR IDENTIFICATION OF ALCOHOLICS. <i>Alcohol and Alcoholism</i> , 1997, 32, 761-768.	1.6	18
41	Stable Acetaldehyde Adducts: Structural Characterization of Acetaldehyde Adducts of Human Hemoglobin N-Terminal beta-Globin Chain Peptides. <i>Alcoholism: Clinical and Experimental Research</i> , 1997, 21, 40-43.	2.4	21
42	Comparison of Carbohydrate-Deficient Transferrin, Immunoglobulin A Antibodies Reactive with Acetaldehyde-Modified Protein and Acetaldehyde-Modified Albumin with Conventional Markers of Alcohol Consumption. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 1921-1926.	2.4	14
43	Lipid Turnover in Alcoholics Before and After an Ethanol Load. <i>Nutrition</i> , 1998, 14, 437-442.	2.4	6
44	Prevalence of Ethanol Consumption May Be Higher in Women Than Men in a University Health Service Population as Determined by a Biochemical Marker. <i>Journal of Addictive Diseases</i> , 1998, 17, 13-23.	1.3	5
46	Accumulation of Hemoglobin-Associated Acetaldehyde With Habitual Alcohol Drinking in the Atypical ALDH Genotype. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 1-7.	2.4	17
47	Disulfiram Treatment Increases Plasma and Red Blood Cell Acetaldehyde in Abstinent Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 958-964.	2.4	10
48	Liquid Chromatography with Fluorescence Detection in the Analysis of Biological Fluids. <i>Analytical Letters</i> , 2000, 33, 2353-2372.	1.8	5
49	Biochemical detection and monitoring of alcohol abuse and abstinence. <i>Annals of Clinical Biochemistry</i> , 2001, 38, 652-664.	1.6	127
50	The Role of Acetaldehyde in Pregnancy Outcome After Prenatal Alcohol Exposure. <i>Therapeutic Drug Monitoring</i> , 2001, 23, 427-434.	2.0	16
51	Assays for Acetaldehyde-Derived Adducts in Blood Proteins Based on Antibodies Against Acetaldehyde/Lipoprotein Condensates. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 1648-1653.	2.4	8
52	Innovative Technologies for the Diagnosis of Alcohol Abuse and Monitoring Abstinence. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 309-316.	2.4	17
53	Alcoholic macrocytosis-is there a role for acetaldehyde and adducts?. <i>Addiction Biology</i> , 2004, 9, 3-10.	2.6	35
54	Formation of acetaldehyde adducts of glutathione S-transferase A3 in the liver of rats administered alcohol chronically. <i>Alcohol</i> , 2005, 35, 57-66.	1.7	18
55	Determination of maternal-fetal biomarkers of prenatal exposure to ethanol: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 69, 209-222.	2.8	106

#	ARTICLE	IF	CITATIONS
56	Biological Markers of Substance Use. , 2015, , .		2
57	Gender Differences in Biological Markers of Alcohol Use. , 1994, , 125-157.		1
58	An Overview of Current and Emerging Markers of Alcoholism. , 1992, , 99-134.		17
60	Biological Markers of Alcoholism. , 1992, , 531-563.		9
61	Acetaldehyde and Acetate. , 1992, , 37-53.		7
62	Acetaldehyde Adducts and Excessive Alcohol Consumption. , 1991, , 71-75.		1
63	Studies of a Chemical Measure of Acetaldehyde Adduct Formation. , 1991, , 77-88.		2
64	Therapeutic lessons from traditional Oriental medicine to contemporary Occidental pharmacology. , 1994, 71, 371-381.		12
65	The Clinical Biochemistry of Alcohol. , 1994, , 121-143.		7
66	Accumulation of Hemoglobin-Associated Acetaldehyde With Habitual Alcohol Drinking in the Atypical ALDH2 Genotype. Alcoholism: Clinical and Experimental Research, 2000, 24, 1-7.	2.4	2
67	Oral Taurine Supplementation Prevents the Development of Ethanol-Induced Hypertension in Rats.. Hypertension Research, 2000, 23, 277-284.	2.7	31
68	Assays for Acetaldehyde-Derived Adducts in Blood Proteins Based on Antibodies Against Acetaldehyde/Lipoprotein Condensates. Alcoholism: Clinical and Experimental Research, 2001, 25, 1648-1653.	2.4	0
69	Biomarkers for alcohol use and abuse--a summary. Alcohol Research, 2004, 28, 30-7.	1.0	39
70	Biomarkers of moderate alcohol intake and alcoholic beverages: a systematic literature review. Genes and Nutrition, 2023, 18, .	2.5	8