

# Clinical Utility of Simultaneous Quantitation of 25-Hydroxyvitamin D and 24,25-Dihydroxyvitamin D by LC-MS/MS Involving Derivatives

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A High-Calcium and Phosphate Rescue Diet and VDR-Expressing Transgenes Normalize Serum Vitamin D Metabolite Profiles and Renal Cyp27b1 and Cyp24a1 Expression in VDR Null Mice. <i>Endocrinology</i> , 2015, 156, 4388-4397.	1.4	34
2	Maternal Hypercalcemia Due to Failure of 1,25-Dihydroxyvitamin-D <sub>3</sub> Catabolism in a Patient With CYP24A1 Mutations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2832-2836.	1.8	48
3	Measurement of circulating 25-hydroxyvitamin D: A historical review. <i>Practical Laboratory Medicine</i> , 2015, 2, 1-14.	0.6	44
4	Interpreting Vitamin D Assay Results. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 331-334.	2.2	34
5	Iatrogenic vitamin D toxicity in an infant – a case report and review of literature. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 148, 14-18.	1.2	48
6	Can vitamin D metabolite measurements facilitate a “treat-to-target” paradigm to guide vitamin D supplementation?. <i>Osteoporosis International</i> , 2015, 26, 1655-1660.	1.3	23
7	Candidate Reference Measurement Procedure for the Determination of (24 <i>R</i> ),25-Dihydroxyvitamin D <sub>3</sub> in Human Serum Using Isotope-Dilution Liquid Chromatography–Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 7964-7970.	3.2	56
8	Response of vitamin D binding protein and free vitamin D concentrations to vitamin D supplementation in hospitalized premature infants. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2015, 28, 1107-14.	0.4	8
9	Calcium and bone homeostasis in heterozygous carriers of CYP24A1 mutations: A cross-sectional study. <i>Bone</i> , 2015, 81, 89-96.	1.4	54
10	24,25-Dihydroxyvitamin D <sub>3</sub> and Vitamin D Status of Community-Dwelling Black and White Americans. <i>Clinical Chemistry</i> , 2015, 61, 877-884.	1.5	90
11	Significance of Serum 24,25-Dihydroxyvitamin D in the Assessment of Vitamin D Status: A Double-edged Sword?. <i>Clinical Chemistry</i> , 2015, 61, 636-645.	1.5	98
12	CYP24A1 Mutations in a Cohort of Hypercalcemic Patients: Evidence for a Recessive Trait. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1343-E1352.	1.8	116
13	A Young Woman With Recurrent Gestational Hypercalcemia and Acute Pancreatitis Caused by CYP24A1 Deficiency. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1841-1844.	3.1	35
14	Hyperparathyroidism complicating CYP 24A1 mutations. <i>Annales D'Endocrinologie</i> , 2016, 77, 615-619.	0.6	7
15	Requirement for vitamin D supplementation in patients using photoprotection: variations in vitamin D levels and bone formation markers. <i>International Journal of Dermatology</i> , 2016, 55, e176-83.	0.5	15
16	Analysis of vitamin D metabolites by liquid chromatography-tandem mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 84, 117-130.	5.8	47
17	Measurement of Circulating 1,25-Dihydroxyvitamin D and Vitamin D–Binding Protein in Chronic Kidney Diseases. , 2016, , 117-128.		0
18	Vitamin D Metabolism Varies among Women in Different Reproductive States Consuming the Same Intakes of Vitamin D and Related Nutrients. <i>Journal of Nutrition</i> , 2016, 146, 1537-1545.	1.3	26

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19	Autosomal-Recessive Mutations in SLC34A1 Encoding Sodium-Phosphate Cotransporter 2A Cause Idiopathic Infantile Hypercalcemia. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 604-614.	3.0	207
20	25-Hydroxyvitamin D assays: Potential interference from other circulating vitamin D metabolites. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 164, 134-138.	1.2	51
21	Simultaneous analysis of 25OHD <sub>3</sub> and 24,25(OH) <sub>2</sub> D <sub>3</sub> both in human serum and cerebrospinal fluid by LC-MS/MS. <i>Analytical Methods</i> , 2016, 8, 2400-2407.	1.3	7
22	LC-MS/MS for Identifying Patients with CYP24A1 Mutations. <i>Clinical Chemistry</i> , 2016, 62, 236-242.	1.5	49
23	Idiopathic infantile hypercalcemia: case report and review of the literature. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2016, 29, 127-32.	0.4	15
24	Controversy and consensus regarding vitamin D: Recent methodological changes and the risks and benefits of vitamin D supplementation. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2016, 53, 13-28.	2.7	27
25	Vitamin D metabolite profiling using liquid chromatography-tandem mass spectrometry (LC-MS/MS). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 164, 110-114.	1.2	50
26	Vitamin D metabolism in the premature newborn: A randomized trial. <i>Clinical Nutrition</i> , 2016, 35, 835-841.	2.3	21
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28	A new sensitive LC/MS/MS analysis of vitamin D metabolites using a click derivatization reagent, 2-nitrosopyridine. <i>Journal of Lipid Research</i> , 2017, 58, 798-808.	2.0	25
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30	CYP24A1 loss of function: Clinical phenotype of monoallelic and biallelic mutations. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 173, 337-340.	1.2	48
31	The vitamin D metabolite ratio (VMR) as a predictor of functional biomarkers of bone health. <i>Clinical Endocrinology</i> , 2017, 86, 674-679.	1.2	14
32	Efficacy of High-Dose Vitamin D Supplements for Elite Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 349-356.	0.2	43
33	Reference intervals for serum 24,25-dihydroxyvitamin D and the ratio with 25-hydroxyvitamin D established using a newly developed LC-MS/MS method. <i>Journal of Nutritional Biochemistry</i> , 2017, 46, 21-29.	1.9	82
35	Role of Mass Spectrometry in Clinical Endocrinology. <i>Endocrinology and Metabolism Clinics of North America</i> , 2017, 46, 593-613.	1.2	14
36	Vitamin D-Dependent Rickets Type 1B (25-Hydroxylase Deficiency): A Rare Condition or a Misdiagnosed Condition?. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1893-1899.	3.1	57
37	Impact of a single oral dose of 100,000 IU vitamin D <sub>3</sub> on profiles of serum 25(OH)D <sub>3</sub> and its metabolites 24,25(OH) <sub>2</sub> D <sub>3</sub> , 3-epi-25(OH)D <sub>3</sub> , and 1,25(OH) <sub>2</sub> D <sub>3</sub> in adults with vitamin D insufficiency. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 1912-1921.	1.4	9

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38	Improved accuracy of an tandem liquid chromatography–mass spectrometry method measuring 24R,25-dihydroxyvitamin D3 and 25-hydroxyvitamin D metabolites in serum using unspiked controls and its application to determining cross-reactivity of a chemiluminescent microparticle immunoassay. <i>Journal of Chromatography A</i> , 2017, 1497, 102-109.	1.8	28
39	Does Vitamin D Metabolite Measurement Help Predict 25(OH)D Change Following Vitamin D Supplementation?. <i>Endocrine Practice</i> , 2017, 23, 432-441.	1.1	15
40	Analytical considerations for the biochemical assessment of vitamin D status. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2017, 9, 97-104.	1.2	18
41	Quality assessment of vitamin D metabolite assays used by clinical and research laboratories. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 173, 100-104.	1.2	26
42	Improved Screening Test for Idiopathic Infantile Hypercalcemia Confirms Residual Levels of Serum 24,25-(OH)2D3 in Affected Patients. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1589-1596.	3.1	49
43	Vitamin D metabolite quantitation by LC-MS/MS. , 2017, , 181-204.		2
44	Maternal vitamin D biomarkers are associated with maternal and fetal bone turnover among pregnant women consuming controlled amounts of vitamin D, calcium, and phosphorus. <i>Bone</i> , 2017, 95, 183-191.	1.4	14
45	Assessing Vitamin D Status in African Americans and the Influence of Vitamin D on Skeletal Health Parameters. <i>Endocrinology and Metabolism Clinics of North America</i> , 2017, 46, 135-152.	1.2	18
46	Genetic Diseases of Vitamin D Metabolizing Enzymes. <i>Endocrinology and Metabolism Clinics of North America</i> , 2017, 46, 1095-1117.	1.2	51
47	Placental vitamin D metabolism and its associations with circulating vitamin D metabolites in pregnant women. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 1439-1448.	2.2	31
48	Vitamin D Testing—Where Are We and What Is on the Horizon?. <i>Advances in Clinical Chemistry</i> , 2017, 78, 59-101.	1.8	30
49	A kidney-specific genetic control module in mice governs endocrine regulation of the cytochrome P450 gene <i>Cyp27b1</i> essential for vitamin D3 activation. <i>Journal of Biological Chemistry</i> , 2017, 292, 17541-17558.	1.6	74
50	Acute homeostatic changes following Vitamin D2 supplementation. <i>Journal of the Endocrine Society</i> , 2017, 1, 1135-1149.	0.1	6
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52	Randomized trial of two doses of vitamin D3 in preterm infants <32 weeks: Dose impact on achieving desired serum 25(OH)D3 in a NICU population. <i>PLoS ONE</i> , 2017, 12, e0185950.	1.1	34
53	High-Dose Intramuscular Vitamin D Provides Long-Lasting Moderate Increases in Serum 25-Hydroxyvitamin D Levels and Shorter-Term Changes in Plasma Calcium. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1337-1344.	0.7	9
54	Comparison of the effect of daily versus bolus dose maternal vitamin D3 supplementation on the 24,25-dihydroxyvitamin D3 to 25-hydroxyvitamin D3 ratio. <i>Bone</i> , 2018, 110, 321-325.	1.4	59
55	Regulation of vitamin D metabolism following disruption of the microbiota using broad spectrum antibiotics. <i>Journal of Nutritional Biochemistry</i> , 2018, 56, 65-73.	1.9	12

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56	Application of a new vitamin D blood test on the Emirati population. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 180, 118-128.	1.2	10
58	Hypercalcemic States Associated with Abnormalities of Vitamin D Metabolism. <i>Frontiers of Hormone Research</i> , 2018, , 89-113.	1.0	6
59	Vitamin D status and functional health outcomes in children aged 2-8 y: a 6-mo vitamin D randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 355-364.	2.2	23
60	Serum 24,25-dihydroxyvitamin D3 response to native vitamin D2 and D3 Supplementation in patients with chronic kidney disease on hemodialysis. <i>Clinical Nutrition</i> , 2018, 37, 1041-1045.	2.3	20
61	Biochemistry of the menopause. <i>Annals of Clinical Biochemistry</i> , 2018, 55, 18-33.	0.8	58
62	Clinical diagnostic tools for vitamin D assessment. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 180, 105-117.	1.2	35
63	Impaired Phosphate Tolerance Revealed With an Acute Oral Challenge. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 113-122.	3.1	17
64	Vitamin D binding protein rs7041 genotype alters vitamin D metabolism in pregnant women. <i>FASEB Journal</i> , 2018, 32, 2012-2020.	0.2	17
65	Measurement of vitamin D metabolites by mass spectrometry, an analytical challenge. <i>Journal of Laboratory and Precision Medicine</i> , 0, 3, 99-99.	1.1	31
66	Idiopathic Infantile Hypercalcemia Presenting in Childhood but Diagnosed in Adulthood. <i>AACE Clinical Case Reports</i> , 2018, 4, 256-262.	0.4	3
67	The When, What & How of Measuring Vitamin D Metabolism in Clinical Medicine. <i>Nutrients</i> , 2018, 10, 482.	1.7	60
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70	Juvenile onset IH and CYP24A1 mutations. <i>Bone Reports</i> , 2018, 9, 42-46.	0.2	14
71	Bone development in growing female mice fed calcium and vitamin D at lower levels than is present in the AIN-93G reference diet. <i>Bone Reports</i> , 2018, 8, 229-238.	0.2	9
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74	Italian Association of Clinical Endocrinologists (AME) and Italian Chapter of the American Association of Clinical Endocrinologists (AACE) Position Statement: Clinical Management of Vitamin D Deficiency in Adults. <i>Nutrients</i> , 2018, 10, 546.	1.7	103

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76	CYP24A1. , 2018, , 81-95.		3
77	Infantile Hypercalcemia and CYP24A1 Mutations. , 2018, , 317-330.		1
78	MANAGEMENT OF ENDOCRINE DISEASE: Therapeutics of vitamin D. European Journal of Endocrinology, 2018, 179, R239-R259.	1.9	53
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80	Hypercalcemia. , 2019, , 366-377.		1
81	The vitamin D metabolome: An update on analysis and function. Cell Biochemistry and Function, 2019, 37, 408-423.	1.4	66
82	A chromatin-based mechanism controls differential regulation of the cytochrome P450 gene Cyp24a1 in renal and non-renal tissues. Journal of Biological Chemistry, 2019, 294, 14467-14481.	1.6	40
83	Free versus total serum 25-hydroxyvitamin D in a murine model of colitis. Journal of Steroid Biochemistry and Molecular Biology, 2019, 189, 204-209.	1.2	5
84	Effect of vitamin D supplementation on total and free 25 hydroxyvitamin D and parathyroid hormone. An analysis of two randomized controlled trials. Journal of Internal Medicine, 2019, 286, 651-659.	2.7	9
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86	The dynamic relationships between the active and catabolic vitamin D metabolites, their ratios, and associations with PTH. Scientific Reports, 2019, 9, 6974.	1.6	35
87	Hereditary Hypercalcemia Caused by a Homozygous Pathogenic Variant in the CYP24A1 Gene: A Case Report and Review of the Literature. Case Reports in Endocrinology, 2019, 2019, 1-7.	0.2	17
88	Investigation of relationship between vitamin D status and reproductive fitness in Scottish hill sheep. Scientific Reports, 2019, 9, 1162.	1.6	12
89	Calcioic acid: In vivo detection and quantification of the terminal C24-oxidation product of 25-hydroxyvitamin D3 and related intermediates in serum of mice treated with 24,25-dihydroxyvitamin D3. Journal of Steroid Biochemistry and Molecular Biology, 2019, 188, 23-28.	1.2	20
90	Methods for assessment of Vitamin D. , 2019, , 49-77.		3
91	Rapid liquid chromatography-tandem mass spectrometry method for determination of 24,25(OH)2D and 25OHD with efficient separation of 3-epi analogs. Journal of Steroid Biochemistry and Molecular Biology, 2019, 187, 146-151.	1.2	11
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94	Serum and synovial fluid vitamin D metabolites and rheumatoid arthritis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 187, 1-8.	1.2	28
95	Mineral Homeostasis in Murine Fetuses Is Sensitive to Maternal Calcitriol but Not to Absence of Fetal Calcitriol. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 669-680.	3.1	9
96	Vitamin D nutritional status and bone turnover markers in childhood acute lymphoblastic leukemia survivors: A PETALE study. <i>Clinical Nutrition</i> , 2019, 38, 912-919.	2.3	17
97	Nonskeletal effects of vitamin D. , 2020, , 757-774.		0
98	Vitamin D Measurement, the Debates Continue, New Analytes Have Emerged, Developments Have Variable Outcomes. <i>Calcified Tissue International</i> , 2020, 106, 3-13.	1.5	41
99	Vitamin D supplementation in pregnancy: A word of caution. Familial hypercalcaemia due to disordered vitamin D metabolism. <i>Annals of Clinical Biochemistry</i> , 2020, 57, 186-191.	0.8	9
100	Simultaneous measurement of 25(OH)-vitamin D and 24,25(OH)2-vitamin D to define cut-offs for CYP24A1 mutation and vitamin D deficiency in a population of 1200 young subjects. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 197-201.	1.4	31
101	Vitamin D Status Increases During Pregnancy and in Response to Vitamin D Supplementation in Rural Gambian Women. <i>Journal of Nutrition</i> , 2020, 150, 492-504.	1.3	13
102	Towards a personalized assessment of vitamin D status. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 149-151.	1.4	10
103	Association between vitamin D metabolites, vitamin D binding protein, and proteinuria in dogs. <i>Journal of Veterinary Internal Medicine</i> , 2020, 34, 2468-2477.	0.6	8
104	Prevention of post-cardiac surgery vitamin D deficiency in children with congenital heart disease: a pilot feasibility dose evaluation randomized controlled trial. <i>Pilot and Feasibility Studies</i> , 2020, 6, 159.	0.5	7
105	Circulating Levels of Dickkopf-Related Protein 1 Decrease as Measured GFR Declines and Are Associated with PTH Levels. <i>American Journal of Nephrology</i> , 2020, 51, 871-880.	1.4	3
106	Controversies in Vitamin D: A Statement From the Third International Conference. <i>JBMR Plus</i> , 2020, 4, e10417.	1.3	118
107	Markers Indicating Body Vitamin D Stores and Responses of Liver and Adipose Tissues to Changes in Vitamin D Intake in Male Mice. <i>Nutrients</i> , 2020, 12, 1391.	1.7	4
108	Quantification of fat-soluble vitamins and their metabolites in biological matrices: an updated review. <i>Bioanalysis</i> , 2020, 12, 625-640.	0.6	10
109	PTH suppression by calcitriol does not predict off-target actions in experimental CKD. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00605.	1.1	2
110	Variable Phenotypes Seen with a Homozygous CYP24A1 Mutation: Case Report. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 995-1002.	0.3	1

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111	New aspects of vitamin D metabolism and action “ addressing the skin as source and target. <i>Nature Reviews Endocrinology</i> , 2020, 16, 234-252.	4.3	181
112	Evaluation of vitamin D <sub>3</sub> metabolites in <i>Callithrix jacchus</i> (common marmoset). <i>American Journal of Primatology</i> , 2020, 82, e23131.	0.8	4
113	The measurement of vitamin D metabolites part II“ the measurement of the various vitamin D metabolites. <i>Hormones</i> , 2020, 19, 97-107.	0.9	9
114	Do the Heterozygous Carriers of a <i>CYP24A1</i> Mutation Display a Different Biochemical Phenotype Than Wild Types?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 708-717.	1.8	11
115	The Vitamin D Metabolite Ratio Is Independent of Vitamin D Binding Protein Concentration. <i>Clinical Chemistry</i> , 2021, 67, 385-393.	1.5	18
116	Inherited Disorders of Renal Calcium Handling. , 2021, , 1-16.		0
117	<i>CYP24A1</i> and <i>SLC34A1</i> Pathogenic Variants Are Uncommon in a Canadian Cohort of Children with Hypercalcemia or Hypercalciuria. <i>Hormone Research in Paediatrics</i> , 2021, 94, 124-132.	0.8	3
118	Elucidation of metabolic pathways of 25-hydroxyvitamin D <sub>3</sub> mediated by <i>CYP24A1</i> and <i>CYP3A</i> using <i>Cyp24a1</i> knockout rats generated by CRISPR/Cas9 system. <i>Journal of Biological Chemistry</i> , 2021, 296, 100668.	1.6	16
119	Vitamin D Metabolism or Action. , 2021, , 335-372.		0
120	Multiplex LC-MS/MS for simultaneous determination of 25-hydroxyvitamin D, 24,25-dihydroxyvitamin D <sub>3</sub> , albumin, and vitamin D-binding protein with its isoforms: One-step estimation of bioavailable vitamin D and vitamin D metabolite ratio. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 206, 105796.	1.2	14
121	Differential diagnosis of vitamin D-related hypercalcemia using serum vitamin D metabolite profiling. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1340-1350.	3.1	22
122	Vitamin D: Current Challenges between the Laboratory and Clinical Practice. <i>Nutrients</i> , 2021, 13, 1758.	1.7	18
123	Simultaneous measurement of 13 circulating vitamin D <sub>3</sub> and D <sub>2</sub> mono and dihydroxy metabolites using liquid chromatography mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1642-1652.	1.4	27
124	LC-MS/MS analysis of vitamin D <sub>3</sub> metabolites in human serum using a salting-out based liquid-liquid extraction and DAPTAD derivatization. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1173, 122654.	1.2	10
125	Recommendations on the measurement and the clinical use of vitamin D metabolites and vitamin D binding protein “ A position paper from the IFCC Committee on bone metabolism. <i>Clinica Chimica Acta</i> , 2021, 517, 171-197.	0.5	33
126	Effects of Vitamin D <sub>2</sub> and 25-Hydroxyvitamin D <sub>2</sub> Supplementation on Plasma Vitamin D Epimeric Metabolites in Adult Cats. <i>Frontiers in Veterinary Science</i> , 2021, 8, 654629.	0.9	2
127	24-Hydroxylase Deficiency Due to <i>CYP24A1</i> Sequence Variants: Comparison With Other Vitamin D-mediated Hypercalcemia Disorders. <i>Journal of the Endocrine Society</i> , 2021, 5, vbav119.	0.1	7
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130	Investigation of the effects of dietary supplementation with 25-hydroxyvitamin D3 and vitamin D3 on indicators of vitamin D status in healthy dogs. <i>American Journal of Veterinary Research</i> , 2021, 82, 722-736.	0.3	4
131	Longitudinal changes in vitamin D and its metabolites in pregnant South Africans. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 212, 105949.	1.2	3
132	Secreted Phosphoprotein 24 is a Biomarker of Mineral Metabolism. <i>Calcified Tissue International</i> , 2021, 108, 354-363.	1.5	1
133	Optimal bone fracture repair requires 24R,25-dihydroxyvitamin D3 and its effector molecule FAM57B2. <i>Journal of Clinical Investigation</i> , 2018, 128, 3546-3557.	3.9	56
134	Assessment of vitamin D status “ a changing landscape. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 3-26.	1.4	169
135	Current vitamin D status in European and Middle East countries and strategies to prevent vitamin D deficiency: a position statement of the European Calcified Tissue Society. <i>European Journal of Endocrinology</i> , 2019, 180, P23-P54.	1.9	443
136	THE VITAMIN D STATUS OF ASIAN ELEPHANTS (ELEPHAS MAXIMUS) MANAGED IN A NORTHERN TEMPERATE CLIMATE. <i>Journal of Zoo and Wildlife Medicine</i> , 2020, 51, 1.	0.3	4
137	Associations of cholesterol and vitamin D metabolites with the risk for development of high grade colorectal cancer. <i>Journal of Medical Biochemistry</i> , 2019, 39, 318-327.	0.7	5
138	Overlapping Phenotypes Associated With CYP24A1, SLC34A1, and SLC34A3 Mutations: A Cohort Study of Patients With Hypersensitivity to Vitamin D. <i>Frontiers in Endocrinology</i> , 2021, 12, 736240.	1.5	13
139	Vitamin D biomarkers for Dietary Reference Intake development in children: a systematic review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 544-558.	2.2	14
140	Disorders of Calcium and Magnesium Metabolism. , 2016, , 921-952.		2
141	Review of the Use of Liquid Chromatography-Tandem Mass Spectrometry in Clinical Laboratories: Part I-Development. <i>Annals of Laboratory Medicine</i> , 2022, 42, 121-140.	1.2	20
142	Comparison of two LC-MS/MS methods for the quantification of 24,25-dihydroxyvitamin D3 in patients and external quality assurance samples. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 74-81.	1.4	10
143	A robust method for simultaneous measurement of serum 25(OH)D, 1,25(OH) <sub>2</sub> D, and 24,25(OH) <sub>2</sub> D by liquid chromatography-tandem mass spectrometry with efficient separation of 3 $\beta$ -epi analogs, 23R,25(OH) <sub>2</sub> D <sub>3</sub> , and 4 $\beta$ ,25(OH) <sub>2</sub> D <sub>3</sub> . <i>Journal of Mass Spectrometry</i> , 2022, 57, e4792.	0.7	3
144	Diagnostic Aspects of Vitamin D: Clinical Utility of Vitamin D Metabolite Profiling. <i>JBMR Plus</i> , 2021, 5, e10581.	1.3	11
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