

Authors	Title	Year	Source	DOI	Specialty Area	Markers
Sayaka Yamada, Kazuhiko Horiguchi, Masako Akuzawa, Koji Sakamaki, Eijiro Yamada, Atsushi Ozawa, Isao Kobayashi, Yohnosuke Shimomura, Yasuyuki Okamoto, Tetsuro Andou, Yoshitaka Andou, Masanobu Yamada	The Impact of Age- and Sex- Specific Reference Ranges for Serum Thyrotropin and Free Thyroxine on the Diagnosis of Subclinical Thyroid Dysfunction: A Multicenter Study from Japan	2023	Thyroid : official journal of the American Thyroid Association	10.1089/t hy.2022.0 567	Thyroid	TSH, fT4, fT3
Jessica Bacon, Peter A Graham, Alenka Hrovat, Scott Kilpatrick, Nicholas O Mann, Harry Swales	Successful use of a benchtop fluorescent enzyme immunoassay analyzer to measure serum cortisol concentration as a screening test for hypoadrenocorticism in dogs	2022	Journal of the American Veterinary Medical Association	10.2460/j avma.22.0 8.0346	Veterinary	Cortisol
Chiara Milani, Elisa L Boscato, Gianfranco Gabai, Tamara Badon, Magdalena Schrank, Hasan B Sontas, Stefano Romagnoli, Antonio Mollo	Analytical and clinical performance of a fluorescence enzyme immunoassay for progesterone and determination of ovulation day in bitches	2022	Journal of veterinary diagnostic investigation : official publication of the American Association of Veterinary Laboratory Diagnosticians, Inc	10.1177/1 04063872 21125466	Veterinary	PROG
Jari Zambarbieri, Pierangelo Moretti, Alessia Giordano, Paola Scarpa	Analytical Validation of a New Immunoenzymatic Method for the Measurement of Feline Parathyroid Hormone in Cats with Chronic Kidney Disease	2021	Animals : an open access journal from MDPI	10.3390/a ni1111310 0	Veterinary	iPTH

Hajime Kato, Naoko Hidaka, Minae Koga, Yuka Kinoshita, Masaomi Nangaku, Noriko Makita, Nobuaki Ito	Altered Thyroid Function Tests Observed in Hypophosphatasia Patients Treated with Asfotase Alfa	2021	International journal of endocrinology	10.1155/2 021/5492 267	Thyroid	TSH, fT4, fT3
Jari Zambarbieri, Filippo Tagliasacchi, Pierangelo Moretti, Alessia Giordano, Paola Scarpa	Analytical and Clinical Validation of a New Immunoenzymatic Method for the Measurement of Canine Parathyroid Hormone	2020	Animals : an open access journal from MDPI	10.3390/a ni1012241 1	Veterinary	PTH
Loren Wissner Greene, Eliza B Geer, Gabrielle Page-Wilson, James W Findling, Hershel Raff	Assay-Specific Spurious ACTH Results Lead to Misdiagnosis, Unnecessary Testing, and Surgical Misadventure-A Case Series	2019	Journal of the Endocrine Society	10.1210/js .2019- 00027	Adrenal	ACTH
Koji Morita, Masumi Ogawa, Michiko Kimura, Yuta Okawa, Yutaka Oki, Naoki Edo, Kazuhisa Tsukamoto, Toshio Ishikawa	Falsely elevated plasma ACTH levels measured by the Elecsys assay related to heterophilic antibody in a case of secondary adrenocortical insufficiency	2019	Endocrine journal	10.1507/e ndocrj.EJ1 9-0023	Adrenal	ACTH
Susan A McLeish, Kay Burt, Kostas Papasouliotis	Analytical quality assessment and method comparison of immunoassays for the measurement of serum cobalamin and folate in dogs and cats	2019	Journal of veterinary diagnostic investigation : official publication of the American Association of Veterinary Laboratory	10.1177/1 04063871 8824073	Veterinary	Folate
Radhouene Doggui, Rahma Mahjoub, Wassef Lotfi Aissa, Imen Tounsi, Zeineb Allagui, Zmorda Cherif, Sihem Haj Sassi, Sinda Ennigrou, Dhiaeddine Edriss, Jalila El Ati, Amina Bibi	Evaluation of free thyroxine determination based on one- step fluorometric immunoassay technique and the suboptimal concordance with two-step immunoassay	2018	Journal of pharmaceutical and biomedical analysis	10.1016/j. jpba.2018. 07.045	Thyroid	Ft4

F D'Aurizio, P Metus, A Ferrari, B Caruso, R Castello, D Villalta, A Steffan, K Gasparido, F Pesente, N Bizzaro, E Tonutti, S Valverde, C Cosma, M Plebani, R Tozzoli	Definition of the upper reference limit for thyroglobulin antibodies according to the National Academy of Clinical Biochemistry guidelines: comparison of eleven different automated methods	2017	Auto- immunity highlights	10.1007/s 13317-017-0096-3	Thyroid	TgAb
Brigitte Rack, Julia Jückstock, Elisabeth Trapp, Tobias Weissenbacher, Marianna Alunni-Fabbroni, Amelie Schramm, Peter Widschwendter, Krisztian Lato, Thomas Zwingers, Ralf Lorenz, Hans Tesch, Andreas Schneeweiss, Peter Fasching, Sven Mahner, Matthias W Beckmann, Werner Lichtenegger, Wolfgang Janni	CA27.29 as a tumour marker for risk evaluation and therapy monitoring in primary breast cancer patients	2016	Tumour biology : the journal of the International Society for Oncodevelopmental Biology and Medicine	10.1007/s 13277-016-5171-2	Oncology	CA27.29
Keiko Takeoka, Yoh Hidaka, Akira Hishinuma, Katsuyoshi Ikeda, Shigeo Okubo, Tatsuyuki Tsuchiya, Teruto Hashiguchi, Koh Furuta, Taeko Hotta, Kazuyuki Matsushita, Hiroyuki Matsumoto, Masami Murakami, Masato Maekawa	[Harmonization of TSH Measurements.]	2016	Rinsho byori. The Japanese journal of clinical pathology		Thyroid	TSH

Aldo Clerico, Andrea Ripoli, Silvia Masotti, Concetta Prontera, Simona Storti, Antonio Fortunato, Paola Buzzi, Ivo Casagrande, Maria Franzini, Rudina Ndreu, Gian Carlo Zucchelli, Martina Zaninotto, Mario Plebani	Pilot study on harmonization of cardiac troponin I immunoassays using patients and quality control plasma samples. On behalf of the Italian Section of the European Ligand Assay Society (ELAS) and of the Study Group on Cardiovascular Biomarkers of the Società Italiana di Biochimica Clinica (SIBioC)	2016	Clinica chimica acta; international journal of clinical chemistry	10.1016/j.cca.2016.02.017	Cardiology	cTnI
Gabriele Donati, Giuseppe Cianciolo, Irene Capelli, Olga Baraldi, Camilla Gambaretto, Valentina Demelas, Antonio Marchetti, Gaetano La Manna	Comparison of Two Parathyroid Hormone Assays in Hemodialysis Patients	2016	Artificial organs	10.1111/aor.12661	Renal	PTH
J C Forde, O Blake, V E Crowley, T H Lynch	Stability and accuracy of total and free PSA values in samples stored at room temperature	2016	Irish journal of medical science	10.1007/s11845-015-1364-8	Oncology	PSA
Simona Storti, Silvia Masotti, Concetta Prontera, Maria Franzini, Paola Buzzi, Ivo Casagrande, Enrica Ciofini, Gian Carlo Zucchelli, Rudina Ndreu, Claudio Passino, Aldo Clerico	Evaluation of analytical performance and comparison of clinical results of the new generation method AccuTnI+3 for the measurement of cardiac troponin I using both patients and quality control plasma samples	2015	Clinica chimica acta; international journal of clinical chemistry	10.1016/j.cca.2015.09.016	Cardiology	cTnI
Khansa Chaabouni, Khaoula Hargafi, Aida Elleuch, Mariem Messedi, Mouna Turki, Amina Lahyani, Fatma Ayedi	[FT4 immunoassay interference : A case report]	2015	La Tunisie medicale		Thyroid	Ft4

Chiara Cosma, Silvia Baggio, Alessandra Casarotti, Martina Zaninotto, Diego Faggian, Mario Plebani	Immunofluorescence vs immunochemiluminescent methods: AIA 2000 vs Immulite 2000	2015	Clinical biochemistry	10.1016/j. Fertility clinbioche m.2015.0 5.017		SHBG, DHEAS, C- peptide
P Higgs, M Costa, A Freke, K Papasoulotis	Measurement of thyroxine and cortisol in canine and feline blood samples using two immunoassay analysers	2014	The Journal of small animal practice	10.1111/js Veterinary ap.12181		Ft4, cortisol
Maria Franzini, Silvia Masotti, Concetta Prontera, Andrea Ripoli, Claudio Passino, Stefania Giovannini, Giancarlo Zucchelli, Aldo Clerico	Systematic differences between BNP immunoassays: comparison of methods using standard protocols and quality control materials	2013	Clinica chimica acta; international journal of clinical chemistry	10.1016/j. Cardiology cca.2013. 07.001		BNP
James C Forde, Laure Marignol, Ophelia Blake, Ted McDermott, Ronald Grainger, Vivien E Crowley, Thomas H Lynch	Standardization of assay methods reduces variability of total PSA measurements: an Irish study	2012	BJU international	10.1111/j. Oncology 1464- 410X.2011 .10923.x		PSA
Udo Jeschke, Irmi Wiest, Anamur Lan Schumacher, Markus Kupka, Brigitte Rack, Renate Stahn, Uwe Karsten, Doris Mayr, Klaus Friese, Darius Dian	Determination of MUC1 in sera of ovarian cancer patients and in sera of patients with benign changes of the ovaries with CA15-3, CA27.29, and PankoMab	2012	Anticancer research		Oncology	27.29
Mark A Marzinke, Pamela Jarrar, Meredith Atkinson, Richard L Humphrey, Barbara Detrick, Lori J Sokoll	Origin of a false positive urine pregnancy test in a patient with membranoproliferative glomerulonephritis type I	2012	Clinica chimica acta; international journal of clinical chemistry	10.1016/j. Fertility cca.2011. 10.011		hCG

Masaki Abe, Tomokazu Matsuura, Miyuki Hyoki, Ikurou Abe, Keishi Tanigawa, Ken Kaito	[Examination of the patient serum presenting a CEA false high value after cancer immuno-cell therapy]	2011	Rinsho byori. The Japanese journal of clinical pathology		Oncology	CEA
Brigitte Rack, Christian Schindlbeck, Julia Jückstock, Eva-Maria Genss, Philip Hepp, Ralf Lorenz, Hans Tesch, Andreas Schneeweiss, Matthias W Beckmann, Werner Lichtenegger, Harald Sommer, Klaus Friese, Wolfgang Janni	Prevalence of CA 27.29 in primary breast cancer patients before the start of systemic treatment	2010	Anticancer research		Oncology	27.29
Jinong Li, Willard Dunn, Autumn Breaud, Debra Elliott, Lori J Sokoll, William Clarke	Analytical performance of 4 automated assays for measurement of cystatin C	2010	Clinical chemistry	10.1373/c linchem.2 009.14153 1	Renal	cystatin C
Alexa von Schmiesing, Stefan A Schmidt, Wolfgang Kratzer, Richard A Mason, Armin Imhof, Gerald Steinbach, Atilla S Akinli, Mark M Haenle	Determination of reference values for the soluble transferrin receptor (sTfR) on a cross sectional population sample	2009	Clinical laboratory		Anemia	Ferritin
Mutsuko Ibusuki, Hiromi Fujimori, Yutaka Yamamoto, Kazutoshi Ota, Mitsuharu Ueda, Satoru Shinriki, Masahiro Taketomi, Sadatoshi Sakuma, Masanori Shinohara, Hirotaka Iwase, Yukio Ando	Midkine in plasma as a novel breast cancer marker	2009	Cancer science	10.1111/j. 1349- 7006.2009 .01233.x	Oncology	CEA

Fred S Apple, MaryAnn M Murakami, Ranka Ler, Dana Walker, Malcolm York	Analytical characteristics of commercial cardiac troponin I and T immunoassays in serum from rats, dogs, and monkeys with induced acute myocardial injury	2008	Clinical chemistry	10.1373/c linchem.2 007.09756 8	Veterinary	cTn
Emi Odagiri, Mitsuhide Naruse, Akiyo Tanabe, Masao Ohmura, Takashi Oki, Takuyuki Katabami, Jun Saitoh, Tetsuo Nishika, Hirotaka Shibata, Masaru Doi, Yukio Hirata	[Problems of cortisol assay: confusion in the diagnosis of preclinical Cushing's syndrome]	2007	Rinsho byori. The Japanese journal of clinical pathology		Adrenal	Cortisol
Fred S Apple, Lesly A Pearce, Patrick J Doyle, Angela P Otto, MaryAnn M Murakami	Cardiac troponin risk stratification based on 99th percentile reference cutoffs in patients with ischemic symptoms suggestive of acute coronary syndrome: influence of estimated glomerular filtration rates	2007	American journal of clinical pathology	10.1309/1 7220CY5 MK5UCQR P	Cardiology	cTn
Jonathan G Middle	Dehydroepiandrosterone sulphate interferes in many direct immunoassays for testosterone	2007	Annals of clinical biochemistry	10.1258/0 00456307 78011808 2	Reproductiv e	Testostero ne, DHEAS
A N Paisley, K Hayden, A Ellis, J Anderson, G Wieringa, P J Trainer	Pegvisomant interference in GH assays results in underestimation of GH levels	2007	European journal of endocrinology	10.1530/e je.1.02341	Endocrinolo gy	HGH
Masako Moriyama, Nobuhide Hayashi, Chinami Ohyabu, Masahiko Mukai, Seiji Kawano, Shunichi Kumagai	Performance evaluation and cross-reactivity from insulin analogs with the ARCHITECT insulin assay	2006	Clinical chemistry	10.1373/c linchem.2 005.06599 5	Diabetes	Insulin

Franca Pagani, Francesca Stefini, Gianmatteo Micca, Mario Toppino, Fabio Manoni, Luigi Romano, Paolo Hoffer, Annalisa Iervasi, Marco Caputo, Romolo Dorizzi, Giancarlo Zucchelli, Mauro Panteghini	Multicenter evaluation of the TOSOH AIA-pack second-generation cardiac troponin I assay	2004	Clinical chemistry	10.1373/c linchem.2 004.03545 1	Cardiology	cTnI
Jae Park, Lori J Sokoll, Debra J Bruzek, Leslie Mangold, Robin Gurganus, Masood A Khan, Alan W Partin, Daniel W Chan, Robert W Veltri	Comparison of total prostate-specific antigen and derivative levels in a screening population of black, white, and Korean-American men	2003	Clinical prostate cancer	10.3816/c gc.2003.n. 026	Oncology	PSA
Kazuto Ito, Takumi Yamamoto, Masaru Ohi, Hiroyuki Takechi, Kohei Kurokawa, Kazuhiro Suzuki, Hidetoshi Yamanaka	Cumulative probability of PSA increase above 4.0 NG/ML in population-based screening for prostate cancer	2004	International journal of cancer	10.1002/ij c.11711	Oncology	PSA
Rajesh Shinghal, Cheryl Yemoto, John E McNeal, James D Brooks	Biochemical recurrence without PSA progression characterizes a subset of patients after radical prostatectomy. Prostate-specific antigen	2003	Urology	10.1016/s 0090- 4295(02)0 2254-9	Oncology	PSA
Cornelia Haug, Max G Bachem, Holger Woehrle, Martin Hetzel, Adolf Gruenert	Evaluation of two modified cardiac troponin I enzyme immunoassays	2002	Clinical chemistry and laboratory medicine	10.1515/C CLM.2002 .145	Cardiology	cTnI
B R Morgan, T H Tarter	Serum heterophile antibodies interfere with prostate specific antigen test and result in over treatment in a patient with prostate cancer	2001	The Journal of urology		Oncology	PSA

M Noguchi, T A Stamey, J
E Neal, C E Yemoto

An analysis of 148
consecutive transition zone
cancers: clinical and
histological characteristics

2000 The Journal of urology

Oncology PSA