

Assay / Analyt	Year	Authors	Title	Journal Citation
A30	2013	Aguilar A, Camacho F, Martínez R, Huerta V et al	Study of Peptide mimetics of hepatitis A virus conjugated to keyhole limpet hemocyanina and as multiple antigen peptide system	Int Pept Res Ther DOI 10.1007/s 10989-013-9364-x
E01	2014	Varewijck AJ, van der Lely AJ, Neggers SJ, Lamberts SW, Hofland LJ, Janssen JA.	In active acromegaly, IGF1 bioactivity is related to soluble Klotho levels and quality of life	Endocr Connect 2014 Apr; 5(2):85-92
E01/E20/E03A	2015	Gajewska J, Klemarczyk W, Ambroszkiewicz J, Szamotulska K, Chelchowska M, Weker H	Associations between IGF-I IGF-binding proteins and bone turnover markers in prepubertal obese children	J Pediatr Endocrinol Metab. 2015 May;28(5-6):563-9. doi: 10.1515/jpem-2014-0326.
E02	2014	Wagner IV, Paetzold C, Gausche R, Vogel M, Koerner A, Thiery J, Arsene CG, Henrion A, Guettler B, Keller E, Kiess W, Pfaeffle R, Kratzsch J	Clinical evidence-based cutoff limits for GH stimulation tests in children with a backup of results with reference to mass spectrometry	Eur J Endocrinol 2014 Sep; 171(3):389-397
E022	2013	Boulo S, Hanisch K, Bidlingmaier M, Arsene CG, Panteghini M, Auclair G, Sturgeon C, Schimmel H, Zegers I.	Gaps in the Traceability Chain of Human Growth Hormone Measurements	Clin Chem. 2013 Jul;59(7):1074-82
E031	2013	Haley S, Gulliver K, Baldassarre R, Miller S, Lane RH, Moyer-Mileur LJ.	Tactile and Kinesthetic Stimulation (TKS) intervention improves outcomes in weanling rat bone in a neonatal stress model.	J Musculoskelet Neuronal Interact2013;13(2):157-165
E03A	2013	Sampson N, Zenmaier C, Heitz M, Hermann M, Plas E, Schäfer G, Klocker H, Berger P.	Stromal insulin-like growth factor binding protein 3 (IGFBP3) is elevated in the diseased human prostate and promotes ex vivo fibroblast-to-myofibroblast differentiation	Endocrinology. 2013 Aug;154(8):2586-99.
E05	2014	Fung KY, Nice E, Priebe I, Belobrajdic D, Phatak A, Purins L, Tabor B, Pompeia C, Lockett T, Adams TE, Burgess A, Cosgrove L	Colorectal cancer biomarkers: To be or not to be? Cautionary tales from a road well travelled	World J Gastroenterol 2014 Jan; 20(4):888-898
E05	2013	Bredella MA, Fazeli PK, Lecka-Czernik B, Rosen CJ, Klibanski A.	IGFBP-2 is a negative predictor of cold-induced brown fat and bone mineral density in young non-obese women	Bone. 2013 Apr;53(2):336-9
E077	2014	Hindricks J, Ebert T, Bachmann A, Kralisch S, Lössner U, Kratzsch J, Stolzenburg Ju, Dietel A, Beige J, Anders M, Bast I, Blüher M, Stumvoll M, Fasshauer M	Serum levels of fibroblast growth factor-21 are increased in chronic and acute renal dysfunction	Clin Endocrinol (oxf) 2014 Jun; 80(6):918-924
E08	2014	Castañeda-Gutiérrez E, Moser M, García-Ródenas C, Raymond F, Mansourian R, Rubio-Aliaga I, Viguet-Carrin S, Metairon S, Ammon-Zufferey C, Avanti-Nigro O, Macé K, Silva-Zolezzi I.	Effect of a mixture of bovine milk oligosaccharides, Lactobacillus rhamnosus NCC4007 and long-chain polyunsaturated fatty acids on catch-up growth of intra-uterine growth-restricted rats	Acta Physiol (Oxf). 2014 Jan; 210(1): 163-173

E08	2013	Castañeda-Gutiérrez E, Moser M, García-Ródenas C, Raymond F, Mansourian R, Rubio-Aliaga I, Viguet-Carrin S, Metairon S, Ammon-Zufferey C, Avanti-Nigro O, Macé K, Silva-Zolezzi I.	Effect of a mixture of bovine milk oligosaccharides, Lactobacillus rhamnosus NCC4007 and long-chain polyunsaturated fatty acids on catch-up growth of intra-uterine growth-restricted rats	Acta Physiol (Oxf). 2013 Jul 8. doi: 10.1111/apha.12145. [Epub ahead of print]
E08, E031, E023, R30	2013	Bielohuby M, Popp S, Bidlingmaier M.	Influence of pre-analytical conditions on the measurement of components of the GH/IGF axis in rats	Growth Horm IGF Res. 2013 Oct;23(5):141-8
E09	2014	Ebert T, Focke D, Petroff D, Wurst U, Richter J, Bachmann A, Lössner U, Kralisch S, Kratzsch J, Beige J, Bast I, Anders M, Blüher M, Stumvoll M, Fasshauer M	Serum levels of the myokine irisin in relation to metabolic and renal function	Eur J Endocrinol 2104 Mar; 170(4):501-506
E09	2013	Kumari DR, Babu MF, Mahendran KB, Satyanarayana P, Rao SKRS	Serum adiponectin and IL-6 levels in diabetic foot ulcer subjects	Int J Pharm Biomed Sci 2013, 4(2), 69-72
E09	2013	Azizi Ghanbari A, Dörr R, Spitzer S, Stumpf J, Britz A, Amann-Zalan I, Lodwig V, Ulm B, Schnell O, Lohmann T.	Adiponectin in coronary heart disease and newly diagnosed impaired glucose tolerance	Diab Vasc Dis Res. 2013 Sep;10(5):452-8
E09	2013	Gutiérrez-Repiso C, Velasco I, Garcia-Escobar E, Garcia-Serrano S et al	Does Dietary Iodine Regulate Oxidative Stress and Adiponectin Levels in Human Breast Milk?	Antioxidants & Redox Signaling 2013 Oct 9. [Epub ahead of print]
E09	2013	Kordi MF, Choopani S, Hemmatinifar M, Coopani Z	The effects of the six week high intensity interval training (HIIT) on resting plasma levels of adiponectin and fat loss in sedentary young women	J Jahrom Univ Med Sci 2013; 11(1):20-7
E09	2013	Dawczynski K, de Vries H, Beck JF, Schleußner E, Witting S, Proquitté H	Adiponectin serum concentrations in newborn at delivery appear to be of fetal origin	Journal of Pediatric Endocrinology and Metabolism. Band 0, Heft 0, Seiten 1–6, ISSN (Online) 2191-0251, ISSN (Print) 0334-018X, DOI: 10.1515/jpem-2013-0199, August 2013
E09	2013	Bachmeyer C, Lammer A, Hasenberg T, Hammes HP	Healthy obese and post bariatric patients - metabolic and vascular patterns	Exp Clin Endocrinol Diabetes 2013; 121:483-487
E09	2013	Danese E, Minicozzi A.M., Montagnana, Manzoni G., Lippi G., Guidi G.	Lack of an Association between Circulating Adiponectin Levels and Risk of Colorectal Adenoma	Clin. Lab. 2013; 59; 211-214
E09, E07	2013	Stepan H, Kley K, Hindricks J, Kralisch S, Jank A, Schaarschmidt W, Schrey S, Ebert T, Lössner U, Kratzsch J, Blüher M, Stumvoll M, Richter J, Fasshauer M.	Serum levels of the adipokine fibroblast growth factor-21 are increased in preeclampsia	Cytokine. 2013 May;62(2):322-6

E09/E07	2015	Hellgren G, Enström , Smith LE, Löfqvist C, Hellström A	Effect of preterm birth on postnatal apolipoprotein and adipocytokine profiles	Neonatology. 2015;108(1):16-22. doi: 10.1159/000381278. Epub 2015 Apr 29.
E09/E07	2014	Erhardt E, Foraita R, Pigeot I, Barba G, Veidebaum T, Tornaritis M, Michels N, Eiben G, Ahrens W, Moreno LA, Kovács E, Molnár D; IDEFICS consortium	Reference values for leptin and adiponectin in children below the age of 10 based on the IDEFICS cohort	International Journal of Obesity (2014) 38, S32–S38;; doi:10.1038/ijo.2014.133
E09/E07	2014	Ebert T, Hopf LM, Wurst U, Bachmann A Kralisch S, Lössner U, Platz M, Kratzsch J, Stolzenburg Ju, Dietel A, Grisk O, Beige J, Anders M, Bast I, Klötting N, Blüher M, Stumvoll M, Fasshauer M	Circulating adipocyte fatty acid binding protein is increased in chronic and acute renal dysfunction	Nutr. Metab Cardiovasc Dis 21014 Apr; doi: 10.1016/j.numecd.2014.03.006
E100	2015	Papuć E, Kurys-Denis E, Krupski W, Redjak K	Humoral response against small heat shock proteins in Parkinsons´s disease	PLoS One. 2015 Jan 28;10(1):e0115480. doi: 10.1371/journal.pone.0115480. eCollection 2015.
E100	2014	Papuć E, Kurzepa J, Kurys-Denis E, Grabarska A, Krupski W, Rejdak K	Humoral response against glial deived antigens in Parkinsons´s disease	Neurosci Lett 2014 Apr;566:77-81
E102	2014	Kasher-Meron M, Mazaki-Tovi S, Barhod E, Hemi R, Haas J, Gat I, Zilberberg E, Yinon Y, Karasik A, Kanety H.	Chemerin concentrations in maternal and fetal compartments: implications for metabolic adaptations to normal human pregnancy	J Perinat Med 2014 may; 42(3):371-378
E103	2015	Huchtemann T, Körtevélyessy P, Feistner F, Heinze JJ, Bittner D	Progranulin levels in status epilepticus as a marker of neuronal recovery and neuroprotection	Epilepsy & Behavior (2015) in press 2015 Jul 23. pii: S1525-5050(15)00353-4. doi: 10.1016/j
E12	2014	Rajendran R, Lingala R, Vuppu SK, Bandi BO, Manickam E, Macherla SR, Dubois S, Havelange N, Maithal K.	Assessment of packed bed bioreactor systems in the production of viral vaccines	AMB Express 2014 Apr; 4:25 doi: 10.1186/s13568-014-0025-z
E15	2014	Tiddens HAWM, de Boeck K, Clancy JP, Fayon M, Arets HGM, Bresnik M, Derchak A, Lewis SA, Oermann CM	Open label study of inhaled aztreonam for Pseudomonas eradication in children with cystic fibrosis: The ALPINE study	J Cyst Fibros 2014 Aug; doi: 10.1016/j.jcf.2014.06.003.
E15	2014	Daines C, VanDeVanter D, Khan U, Emerson J, Heltshe S, McNamara S, Anstead M, Langkamp M, Doring G, Ratjen F, Ramsey B, Gibson RL, Morgan W, Rosenfeld M; for the EPIC Investigators.	Serology as a diagnostic tool for predicting initial Pseudomonas aeruginosa acquisition in children with cystic fibrosis	J Cyst Fibros 2014 Jul; doi:10.1016/j.jcf.2014.01.005
E15	2014	Mauch RM, Levy DE	Serum antibodies to Pseudomonas aeruginosa in cystic fibrosis as a diagnostic tool: A systematic review	J Cyst Fibros 2014 Feb; doi:10.1016/j.jcf.2014.01.005

E15	2013	Doğru D, Pekcan S, Yalçın E, Özçelik U, Kiper N, Gürçan N, Sener B.	The role of serum Pseudomonas aeruginosa antibodies in the diagnosis and follow-up of cystic fibrosis.	Turk J Pediatr. 2013 Jan-Feb;55(1):50-7.
E20	2013	Parfieniuk-Kowerda A, Czaban SL, Grzeszczuk A, Jaroszewicz J, Flisiak R	Assessment of serum IGF-1 and adipokines related to metabolic dysfunction in HIV-infected adults	Cytokine 64(1):97-112
E20	2013	Chien Y-H, Han D-S, Hwu W-L, Thurberg BL, Yang W-S	Myostatin and Insulin-Like Growth Factor I: Potential Therapeutic Biomarkers for Pompe Disease	PLoS ONE 8(8): e71900. doi:10.1371/journal.pone.0071900
E20	2013	Menéndez LG, Sa´daba MC, Puche JE, Lavandera JL, de Castro LF, de Gortázar AR, Cortázar IC	IGF-I increases markers of osteoblastic activity and reduces bone resorption via osteoprotegerin and RANK-ligand	Journal of Translational Medicine 2013,11:271
E20	2013	Siamak S, Samadi S, Shater MM, Habibzade A	Growth Parameters and Insulin Like Growth Factor -1 : Comparison between Cyanotic and Acyanotic Congenital Heart Disease and Normal Children+C12	Life Science Journal 2013; 10(4)
E20, E01, E03A, E07 and E09	2014	Ayyavoo A, Derraik JG, Hofman PL, Biggs J, Cutfield WS.	Metabolic, cardiovascular and anthropometric differences between prepubertal girls and boys	Clin Endocrinol (Oxf) 2014 Aug; 81(2):238-243
E20, E01, E07, E09	2013	Ayyavoo A, Derraik JG, Hofman PL, Mathai S, Biggs J, Stone P, Sadler L, Cutfield WS.	Pre-Pubertal Children Born Post-Term Have Reduced Insulin Sensitivity and Other Markers of the Metabolic Syndrome	PLoS One. 2013 Jul 1;8(7):e67966. doi: 10.1371/journal.pone.0067966. Print 2013.
E20, E30, E01, E05, E03A, E07, E09	2013	Ayyavoo A, Derraik JG, Hofman PL, Biggs J, Bloomfield FH, Cormack BE, Stone P, Cutfield WS.	Severe hyperemesis gravidarum is associated with reduced insulin sensitivity in the offspring in childhood	J Clin Endocrinol Metab. 2013 Aug;98(8):3263-8
E20,E30, E01, E05, E03A, E07, and E09	2013	Ayyavoo A, Savage T, Derraik JG, Hofman PL, Cutfield WS.	First-born Children Have Reduced Insulin Sensitivity and Higher Daytime Blood Pressure Compared to Later-Born Children	J Clin Endocrinol Metab. 2013 Mar;98(3):1248-53.
E20/E03A	2014	Fas F, Karabulut S, Serilmez R, Ciftci R, Duranyildiz D	Clinical significanse of serum insulin-like Growth factor-1 (IGF-1) and insulinlike growth factor binding protein-3 (IGFBP-3) in patients with epithelial ovarian cancer	Tumor Biol (2014) 35:3125-3132
E25	2013	Ghosh MC, Gorantla V, Makena PS, Luellen C, Sinclair SE, Schwingshackl A, Waters CM.	Insulin Like Growth Factor-1 Stimulates Differentiation of ATII Cells to ATI-Like Cells Through Activation of Wnt5a	Am J Physiol Lung Cell Mol Physiol. 2013 Aug 1;305(3):L222-8
E25	2013	Andrade S, Pinho F, Ribeiro MA, Carreira M, Casanueva FF, Ray P, Monteiro PM	Immunization Against Active Ghrelin Using Virus-Like Particles for Obesity Treatment	Current Pharmaceutical Design, Volume 19, Number 36, November 2013 , pp. 6551-6558
E25	2013	Fu XM, Yamawaki-Ogata A, Oshima H, Ueda Y, Usui A, Narita Y.	Intravenous administration of mesenchymal stem cells prevents angiotensin II-induced aortic aneurysm formation in apolipoprotein E-deficient mouse.	J Transl Med. 2013 Jul 22;11:175
E25	2013	Grönbladh A	Growth Hormone and Anabolic Androgenic Steroids: Effects on Neurochemistry and Cognition	Digital Comprehensive Summaries of Uppsala Dissertations from the Faculty of Pharmacy, Acta Universitatis Upsaliensis ISSN 1651-6192; 175

E30	2013	Mohlin S, Hamidian A, Pählman S.	HIF2A and IGF2 Expression Correlates in Human Neuroblastoma Cells and Normal Immature Sympathetic Neuroblasts	Neoplasia. 2013 Mar;15(3):328-34.
E35	2014	Dargiewicz E, Wolanska M, Sobolewski K	High Molecular Complexes of Insulin-Like Growth Factor-I in Human Saliva	Int J Pep Res Ther 2013; 20:391-396
E35	2013	Hess O, Khayat M, Hwa V, Heath KE, Teitler A, Hritan Y, Allon-Shalev S, Tenenbaum-Rakover Y.	A novel mutation in IGFALS, c.380T>C (p.L127P), associated with short stature, delayed puberty, osteopenia and hyperinsulinaemia in two sibilings: insights into the roles of insulin growth factor-1 (IGF1)	Clin Endocrinol (Oxf). 2013 Mar 15. doi: 10.1111/cen.12200. [Epub ahead of print]
E35	2013	Myers JE, Tuytten R, Thomas G, Laroy W, Kas K, Vanpoucke G, Roberts CT, Kenny LC, Simpson NA, Baker PN, North RA.	Integrated proteomics pipeline yields novel biomarkers for predicting preeclampsia.	Hypertension. 2013 Jun;61(6):1281-8
E50, E09, E07	2013	El-Kader MS, Al-Jiffri O, Ashmawy EM	Impact of weight loss on markers of systemic inflammation in obese Saudi children with asthma	African Health Sciences 13(3)
IGF-I / IGFBP3 RIA Blum E01, E05	2013	Joslowski G, Remer T, Assmann KE, Krupp D, Cheng G, Garnett SP, Kroke A, Wudy SA, Günther AL, Buyken AE.	Animal Protein Intakes during Early Life and Adolescence Differ in Their Relation to the Growth Hormone-Insulin-Like-Growth-Factor Axis in Young Adulthood	J Nutr. 2013 Jul;143(7):1147-54
IGF-I RIA	2013	Lekkakou L, Tzanela M, Lymberi M, Consoulas C, Tsagarakis S, Koutsilieris M.	Effects of gender and age on hypothalamic-pituitary-adrenal reactivity after pharmacological challenge with low-dose 1-µg ACTH test: a prospective study in healthy adults	Clin Endocrinol (Oxf). 2013 Nov;79(5):683-8
IGF-I RIA	2013	Iresjö BM, Svensson J, Ohlsson C, Lundholm K	Liver-derived endocrine IGF-I is not critical for activation of skeletal muscle protein synthesis following oral feeding	BMC Physiology 2013, 13:7
IGF-I RIA	2013	Karimian E, Tamm C, Chagin AS, Samuelsson K, Kjartansdóttir KR, Ohlsson C, Säwendahl L.	Resveratrol Treatment Delays Growth Plate Fusion and Improves Bone Growth in Female Rabbits	PLoS One. 2013 Jun 28;8(6):e67859. doi: 10.1371/journal.pone.0067859. Print 2013.
IGF-R20	2014	Cianfarani S, Izaghi E, Alisi A, Germani D, Puglianiello A, Nobili V	Insulin-Like Growth Factor-I and -II Levels Are Associated with the Progression of Nonalcoholic Fatty Liver Disease in Obese Children	J Pediatr 2014 Jul; 165(1):92-98
IGF-R22	2014	Bidlingmaier M, Friedrich N, Emeny RT, Spranger J, Wolthers OD, Roswall R, Körner A, Obermayer-Pietsch B, Hübener C, Dahlgren J, Fystyk J, Pfeiffer AFH, Doering A, Bielohuby M, Wallaschofski H, Arafat AM	Reference Intervals for Insulin-like Growth Factor-1 (IGF-I) From Birth to Senescence: Results From a Multicenter Study Using a new Automated Chemiluminescence IGF-I Immunoassay Conforming to Recent International Recommendations	J Clin Endocrinol Metab 2014 Mai; 99(5):1712-1721
Lep-R44	2014	Brunner S, Schmid D, Zang K, Much d, Knoefel B, Kratzsch J, Amann-Gassner U, Bader BL, Hauner H	Breast milk leptin and adiponectin in relation to infant body composition up to 2 years.	Pediatr Obes 214 Apr; doi: 10.1111/j.2047-6310.2014.222.x.

Leptin ELISA	2013	Stefanov T, Blüher M, Vekova A, Bonova I, Tzvetkov S, Kurktschiev D, Temelkova-Kurktschiev T.	Circulating chemerin decreases in response to a combined strength and endurance training.	Endocrine. 2013 Jun 20. [Epub ahead of print]
Leptin-RIA	2013	Gianfagna F, Cugino D, Ahrens W et al	Understanding the Links among neuromedin U Gene, beta2-adrenoceptor Gene and Bone Health: An Observational Study in European Children	PLoS ONE 8(8): e70632. doi:10.1371/journal.pone.0070632
M40	2014	Jang KO, Park JH, Lee HH, Chung DK, Kim W, Chung IS.	Expression and immunogenic analysis of recombinant polypeptides derived from capsid protein VP1 for developing subunit vaccine material against hepatitis A virus	Protein Expr Purif 2014 Aug; doi: 10.1016/j.jep.2014.04.011
M40	2014	Paulmann D, Bortmann S, Grimm F, Berk I, Kraemer L, Vallbracht A, Dotzauer A	NF-κB activation induced by hepatitis A virus and Newcastle disease virus occurs by different pathways depending on the structural pattern of viral nucleic acids	Arch Virol 2014 Jan; 159:1723-1733
M40	2013	Meder F, Wehling J, Fink A, Piel B, Li K, Frank K, Rosenauer A, Treccani L, Koeppen S, Dotzauer A, Rezwani K.	The role of surface functionalization of colloidal alumina particles on their controlled interactions with viruses	Biomaterials. 2013 Jun;34(17):4203-13
R20	2013	Häussler S, Germeroth D, Friedauer K, Akter SH, Dänicke S, Sauerwein H	Characterization of the dynamics of fat cell turnover in different bovine adipose tissue depots	Res Vet Sci. 2013 Aug 6. pii: S0034-5288(13)00229-4. doi: 10.1016/j.rvsc.2013.07.004. [Epub ahead of print]
R20, R30	2013	Aust G, Kerner C, Gonsior S, Sittig D, Schneider H, Buske P, Scholz M, Dietrich N, Oldenburg S, Karpus ON, Galle J, Amasheh S, Hamann J.	Mice overexpressing CD97 in intestinal epithelial cells provide a unique model for mammalian postnatal intestinal cylindrical growth	Mol Biol Cell. 2013 Jul;24(14):2256-68
R22	2013	Pires JAA, Delavoud C, Faulconnier Y, Pomiés D, Chilliard Y	Effects of body condition score at calving on indicators of fat and protein mobilization of periparturient Holstein-Friesian cows	J Dairy Sci. 2013 Oct;96(10):6423-39
R40	2013	Savio F, Liguori SA, Benetti S, Sorrenti M, Fissore MF, Cordero di Montezemolo L	High serum leptin levels in infancy can potentially predict obesity in childhood, especially in formula-fed infants	Acta Paediatrica Volume 102, Issue 10, pages e455–e459, October 2013
R90	2014	Paslakis G, Westphal S, Hamann B, Gilles M, Lederbogen F, Deuschle M.	Unstimulated and glucose-stimulated ghrelin in depressed patients and controls	J Psychopharmacol 2014 Mar; 28(6):582-586
R90	2013	Sadjadi A, Yazdanbod A, Lee YY, et al	Serum Ghrelin; A New Surrogate Marker of Gastric Mucosal Alterations in Upper Gastrointestinal Carcinogenesis	PLoS ONE 8(9): e74440. doi:10.1371/journal.pone.0074440
R90; R44	2014	Corbalán-Tutau D, Madrid JA, Nicolás F, Garaulet M.	Daily profile in two circadian markers “melatonin and cortisol” and associations with metabolic syndrome components	Physiol Behav 2014 Jan; 123:231-235