500 Chipeta Way
Salt Lake City, UT 84108
800-522-2787
aruplab.com

Aldolase

Jacobsen JR, Bunker AM, Roberts WL. Age- and gender-specific pediatric reference intervals are necessary for serum aldolase and uric acid. *Am J Clin Path*. 2007;128:505.

Bunker AM, Roberts WL. Reference intervals for seven chemistry analytes for children 6 months through 6 years old. *Am J Clin Path*. 2009;132:457-8.

Clifford SM, et al. Age and gender specific pediatric reference intervals for aldolase, amylase, ceruloplasmin, creatine kinase, pancreatic amylase, prealbumin and uric acid. *Clin Chim Acta*. 2011 Apr 11;412(9–10):788 –90.

Alpha-fetoprotein (AFP)

La'ulu SL, Rasmussen KJ, Roberts WL. Pediatric reference intervals for serum alpha-fetoprotein. *Clinica Chimica Acta*. 2011 Aug 17;412(17–18):1695–6.

Amylase

Jacobsen JR, Bunker AM, Roberts WL. Age- and gender-specific pediatric reference intervals are necessary for serum aldolase and uric acid. *Am J Clin Path*. 2007;128:505.

Bunker AM, Roberts WL. Reference intervals for seven chemistry analytes for children 6 months through 6 years old. *Am J Clin Path*. 2009;132, 457–8.

Clifford SM, et al. Age and gender specific pediatric reference intervals for aldolase, amylase, ceruloplasmin, creatine kinase, pancreatic amylase, prealbumin and uric acid. *Clin Chim Acta*. 2011 Apr 11;412(9–10): 788–90.

Androstenedione

Kushnir MM, et al. LC-MS/MS assay for androstenedione, dehydroepiandrosterone, and testosterone with pediatric and adult reference intervals. *Clin Chem*. 2010 Jul:56, 1138–47.

Bone specific alkaline phosphatase

Orrock JM, Owen WE, Roberts WL. Pediatric reference intervals for three markers of bone metabolism. *Am J Clin Path*. 2007;128:510.

Wyness SP, Roberts WL, Straseski JA. Pediatric reference intervals for four serum bone markers using two automated immunoassays. *Clin Chim Acta*. 2013 Jan 16;415:169–72.

C-Telopeptide, serum

Wyness SP, Roberts WL, Straseski JA. Pediatric reference intervals for four serum bone markers using two automated immunoassays. *Clin Chim Acta*. 2013 Jan 16;415:169–72.

Calcium, urine

Slev PR, et al. Pediatric reference intervals for random urine calcium, phosphorus and total protein. *Pediatr Nephrol*. 2010 Sep;25(9):1707–10.

Ceruloplasmin

Clifford SM, Bunker AM, Jacobsen JR, Roberts WL, 2011, Age and gender specific pediatric reference intervals for aldolase, amylase, ceruloplasmin, creatine kinase, pancreatic amylase, prealbumin and uric acid. Clin Chim Acta, 412, 788–90.

Creatine kinase

Clifford SM, et al. Age and gender specific pediatric reference intervals for aldolase, amylase, ceruloplasmin, creatine kinase, pancreatic amylase, prealbumin, and uric acid. *Clin Chim Acta*. 2011;412(9–10):788–90.

Coagulation tests (PT, PTT, Factor VIII, Factor IX, Factor XI, RCF, vWF antigen)

Flanders MM, et al. Pediatric reference intervals for seven common coagulation assays. *Clin Chem*. 2005 Sep;51(9):1738–42.

Copper

Lin CN, et al. Pediatric reference intervals for serum copper and zinc. *Clin Chim Acta*. 2012 Mar 22;413(5–6):612–5.

Dehydroepiandrosterone

Kushnir MM, et al. LC-MS/MS assay for androstenedione, dehydroepiandrosterone, and testosterone with pediatric and adult reference intervals. *Clin Chem*. 2010 Jul;56(7):1138–47.

Dehydroepiandrosterone sulfate

Meikle AW, et al. Adrenal steroid concentrations in children seven to seventeen years of age. *J Pediatr Endocrinol Metab*. 2007 Dec;20(12):1281–91.

11-Deoxycortisol

Kushnir MM, et al. Development and performance evaluation of a novel tandem mass spectrometry assay for four adrenal steroids. *Clin Chem*. 2006 Aug;52(8):1559–67.

Meikle AW, et al. Adrenal steroid concentrations in children seven to seventeen years of age. *J Pediatr Endocrinol Metab*. 2007 Dec;20(12):1281–91.

Rasmussen K, Bunker AM, Roberts WL. Pediatric reference intervals for adrenal steroids and growth factors in children 6 months through 6 years old. *Am J Clin Path*. 2009;132:457.

5α-Dihydrotestosterone

Lin DC, Straseski JA. Tanner Stage-Stratified Pediatric Reference Intervals for Dihydrotestosterone. *Clin Chem*. 2016;62(10):A171.

Estradiol

Kushnir MM, et al. High-sensitivity tandem mass spectrometry assay for serum estrone and estradiol. *Am J Clin Path*. 2008 Apr;129(4):530–9.

Estrone

Kushnir MM, et al. High-sensitivity tandem mass spectrometry assay for serum estrone and estradiol. *Am J Clin Path*. 2008 Apr;129(4):530–9.

Follicle Stimulating Hormone

La'ulu SL, et al. Pediatric reference intervals for follicle stimulating hormone. *Clin Chem*. 2011;57(10):A153.

Growth hormone

Bunker AM, Roberts WL. Pediatric reference intervals for IGF-1, IGFBP-3, and growth hormone considering age, gender, pubertal maturation, height, and body mass index. *Am J Clin Path*. 2010;134:508–9.

17-Hydroxypregnenolone

Kushnir MM, et al. Development and performance evaluation of a novel tandem mass spectrometry assay for four adrenal steroids. *Clin Chem*. 2006 Aug;52(8):1559–67.

Meikle AW, et al. Adrenal steroid concentrations in children seven to seventeen years of age. *J Pediatr Endocrinol Metab*. 2007 Dec;20(12):1281–91.

Rasmussen K, Bunker AM, Roberts WL. Pediatric reference intervals for adrenal steroids and growth factors in children 6 months through 6 years old. *Am J Clin Path*. 2009;132:457.

17-Hydroxyprogesterone

Kushnir MM, et al. Development and performance evaluation of a novel tandem mass spectrometry assay for four adrenal steroids. *Clin Chem*. 2006 Aug;52(8):1559–67.

Meikle AW, et al. Adrenal steroid concentrations in children seven to seventeen years of age. *J Pediatr Endocrinol Metab*. 2007 Dec;20(12):1281–91.

Rasmussen K, Bunker AM, Roberts WL. Pediatric reference intervals for adrenal steroids and growth factors in children 6 months through 6 years old. *Am J Clin Path*. 2009;132:457.

IGF-1

Wada DA, Owen WE, Roberts WL. Pediatric reference intervals for growth hormone, insulin-like growth factor I, and insulin-like growth factor binding protein-3. *Am J Clin Path*. 2005;124:463.

.

Bunker AM, Roberts WL. Pediatric reference intervals for IGF-1, IGFBP-3, and growth hormone considering age, gender, pubertal maturation, height, and body mass index. *Am J Clin Path*. 2010;134:508–9.

IGFBP-3

Wada DA, Owen WE, Roberts WL. Pediatric reference intervals for growth hormone, insulin-like growth factor I, and insulin-like growth factor binding protein-3. *Am J Clin Path*. 2005;124:463.

Bunker AM, Roberts WL. Pediatric reference intervals for IGF-1, IGFBP-3, and growth hormone considering age, gender, pubertal maturation, height, and body mass index. *Am J Clin Path*. 2010;134:508–9.

NTx, urine

Orrock JM, Owen WE, Roberts WL. Pediatric reference intervals for three markers of bone metabolism. *Am J Clin Path*. 2007;128:510.

Osteocalcin

Orrock JM, Owen WE, Roberts WL. Pediatric reference intervals for three markers of bone metabolism. *Am J Clin Path*. 2007;128:510.

Wyness SP, Roberts WL, Straseski JA. Pediatric reference intervals for four serum bone markers using two automated immunoassays. *Clin Chim Acta*. 2013 Jan 16;415:169–72.

Pancreatic amylase

Clifford SM, et al. Age and gender specific pediatric reference intervals for aldolase, amylase, ceruloplasmin, creatine kinase, pancreatic amylase, prealbumin, and uric acid. *Clin Chim Acta*. 412:788–90.

P1NP

Wyness SP, Roberts WL, Straseski JA. Pediatric reference intervals for four serum bone markers using two automated immunoassays. *Clin Chim Acta*. 2013 Jan 16;415:169–72.

Phosphorus, urine

Slev PR, et al. Pediatric reference intervals for random urine calcium, phosphorus and total protein. *Pediatr Nephrol*. 2010 Sep;25(9):1707–10.

Prealbumin

Clifford SM, et al. Age and gender specific pediatric reference intervals for aldolase, amylase, ceruloplasmin, creatine kinase, pancreatic amylase, prealbumin, and uric acid. *Clin Chim Acta*. 412:788–90.

Pregnenolone

Kushnir MM, et al. Development and performance evaluation of a novel tandem mass spectrometry assay for four adrenal steroids. *Clin Chem*. 2006 Aug;52(8):1559–67.

Meikle AW, et al. Adrenal steroid concentrations in children seven to seventeen years of age. *J Pediatr Endocrinol Metab*. 2007 Dec;20(12):1281–91.

Rasmussen K, Bunker AM, Roberts WL. Pediatric reference intervals for adrenal steroids and growth factors in children 6 months through 6 years old. *Am J Clin Path*. 2009;132:457.

Testosterone

Kushnir MM, et al. Performance characteristics of a novel tandem mass spectrometry assay for serum testosterone. Clin Chem. 2006 Jan;52(1):120–8.

Kushnir MM, et al. LC-MS/MS assay for androstenedione, dehydroepiandrosterone, and testosterone with pediatric and adult reference intervals. *Clin Chem*. 2010 Jul;56(7):1138–47.

Thyroglobulin

Kushnir MM, et al. Measurement of thyroglobulin by liquid chromatography-tandem mass spectrometry in serum and plasma in the presence of antithyroglobulin autoantibodies. Clin Chem. 2013 Jun;59(6):982–90.

Owen WE, Bunker AM, Straseski JA. Pediatric reference intervals for thyroglobulin using the Beckman Coulter Access 2 immunoassay. *Clin Chim Acta*. 2014 Apr;435.

Thyroxine, Free and Triiodothyronine, Free

La'ulu SL, Rasmussen KJ, Straseski JA. Pediatric reference intervals for free thyroxine and free triiodothyronine by equilibrium dialysis-liquid chromatography-tandem mass spectrometry. *J Clin Res Pediatr Endocrinol*. 2016 Mar;8(1):26–31.

Rasmussen K, La'ulu S, Roberts WL. Pediatric reference intervals for free thyroxine and free triiodothyronine using equilibrium dialysis LC-MS/MS. *Am J Clin Path*. 2011.

Total protein, urine

Slev PR, et al. Pediatric reference intervals for random urine calcium, phosphorus and total protein. *Pediatr Nephrol.* 2010 Sep;25(9): 1707–10.

Uric acid

Clifford SM, et al. Age and gender specific pediatric reference intervals for aldolase, amylase, ceruloplasmin, creatine kinase, pancreatic amylase, prealbumin, and uric acid. *Clin Chim Acta*. 412:788–90.

Vitamin A

Johnson-Davis KL, et al. A rapid HPLC method used to establish pediatric reference intervals for vitamins A and E. *Clin Chim Acta.* 2009 Jul;405(1–2):35–8.

Vitamin E

Johnson-Davis KL, et al. A rapid HPLC method used to establish pediatric reference intervals for vitamins A and E. *Clin Chim Acta*. 2009 Jul;405(1–2):35–8.

Zinc

Lin CN, et al. Pediatric reference intervals for serum copper and zinc. *Clin Chim Acta*. 2012 Mar 22;413(5–6):612–5.