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Aneuploidies
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From immunoassay to LC-MS/MS for measuring testosterone since immunoassays have cross-reactivity issues and cannot quantify the lower concentrations observed in women and children. Yet, questions remain about how the various LC-MS/MS assays compare and what concentrations are representative of the general population, especially women, children, and non-Hispanic Asians. This issue of Clinical Chemistry contains two articles that address these issues. The first article is a comparison study of 7 published LC-MS/MS methods for the simultaneous measurement of testosterone, androstenedione, and dehydroepiandrosterone in serum. The second article reports on the serum total testosterone concentrations in the US household population from the NHANES 2011–2012 study population, measured with standardized LC-MS/MS. (See pages 1475 and 1495.) ©Robert Michael/Corbis. Reproduced with permission.