

Table 4. Testosterone Levels and Intersex Disorders¹³

Condition	Genotype	External Genitalia	Testosterone
Complete androgen insensitivity syndrome	XY	female	normal
Partial androgen insensitivity syndrome	XY	ambiguous	normal
Complete gonadal dysgenesis	XY	female	absent
Partial gonadal dysgenesis	XY	ambiguous	decreased
5Alpha-reductase deficiency	XY	ambiguous	normal ^a
Complete testosterone biosynthetic defect	XY	female	absent
Partial testosterone biosynthetic defect	XY	ambiguous	decreased
Micro penis	XY	micro penis	decreased
Congenital adrenal hyperplasia	XX	ambiguous	increased
Klinefelter syndrome	XXY	small penis	decreased
Turner syndrome	XO	female	absent
45XO,46XY mosaicism		ambiguous	variable

^a Dihydrotestosterone absent.

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