

ONLINE SUPPLEMENT

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The role of luteinizing hormone activity in spermatogenesis: From physiology to clinical implications

Supplemental Table 1. Characteristics of commercially available human chorionic gonadotropin (hCG) preparations

Proportion of total immunoreactivity (%)	Urinary-derived hCG ^a	Recombinant hCG
Intact bioactive hCG (%)	50–96	>99
Hyperglycosylated hCG (%)	0.5–4.0	<0.1
Free beta subunit (%)	2.4–8.0	<0.1
Beta-core fragment ^b (%)	1.2–58.0	—
Epidermal growth factor ^c	4–204	—

^a Varies by brand.

^b Degradation product of hCG.

^c Epidermal growth factor is a contaminant (ng/5000 IU).

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