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Exclusion criteria:

- Children > 1 year of age

If prenatal concern, see [communication strategies](#) and provide [resources](#) (Pediatric Endocrine Society, 2025)

Concerns for Differences of Sex Development (DSD)

- Atypical genital appearance following birth
- Discordance between prenatal testing and postnatal phenotype

Adrenocorticotrophic Hormone (ACTH) Stimulation Test

- Infants with adrenal insufficiency often present in adrenal crisis at 7 - 10 days of life
 - If there is a high suspicion for adrenal insufficiency, an ACTH stimulation test should be performed prior to discharge from the nursery
 - If not completed, close follow-up with Primary Care and Endocrinology is warranted
- The ACTH stimulation test at Children's Mercy includes progesterone, 17-OH progesterone, 11-desoxycortisol, cortisol, DHEA, and testosterone at 0 and 60 minutes
- For those with suspected undervirilized male genitalia (46,XY), the addition of 17-OH pregnenolone to this panel may provide additional information about 3-beta-hydroxysteroid dehydrogenase deficiency
- The addition of deoxycorticosterone can provide information about 17-hydroxylase deficiency in those with more typical female genitalia, though 46,XY chromosomal make-up

This testing should be considered in collaboration with a pediatric endocrinologist

