

Canine Serum Cortisol Measurement



Cortisol

(Dog's Cushing's disease)

For ACTH Stimulation Test, LDDST, and HDDST



MEASUREMENT RANGE



1~25 ug/dL

CLINICAL SIGNS

PU/PD, polyphagia, panting, abdominal distention ("pot-belly"), endocrine alopecia, weakness, muscle wasting

ACTH STIMULATION TEST

ACTH Gel 2.2IU/kg (max. 40 IU) IM → 2hr → cortisol conc. measurement
Synthetic ACTH(Cortosyn® or Synacthen®) 5 ug/kg IV → 1hr → cortisol conc. measurement

> 24 ug/dL	19~24 ug/dL	6~18 ug/dL	< 6 ug/dL	Pre-and Post-ACTH < 2 ug/dL
Cushing's disease strongly suggestive	Equivocal, Cushing's disease possible	Normal	Iatrogenic Cushing's disease	Hypoadrenocorticism

TEST PROCEDURE

- 1 Add the sample (serum 20µl) to an assay diluent tube
- 2 Incubate the mixture at room temperature for 10 min.
- 3 Apply all mixture into the hole of the test device and press the START

