



# IGF-1 (Insulin-Like Growth Factor 1)

- Acromegaly in cats and dogs
- Pituitary dwarfism in cats and dogs
- Nutritional adequacy - monitor recovery from malnourishment
- No special sampling requirements - just send a serum sample through the post in the usual way
- Currently run every Friday, with results available following Monday

Insulin-like growth factor 1, or IGF-1, is a hormone that plays an important part in growth. Levels of the hormone correlate very closely with growth hormone secretion and the measurement of IGF-1 enables an estimate of the growth hormone status to be made in dogs and cats.

IGF-1 is very stable and no special sampling procedures are required. A sample of 0.5ml of separated serum is ideal.

When using for pituitary dwarfism it is advisable to submit samples from siblings as well for comparison. This is especially important when sampling small or "dwarf" breeds of both dogs and cats.

IGF-1 is a marker for nutritional adequacy and useful in monitoring recovery from malnourished states.



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