



# Thymidine Kinase

## A useful marker to monitor treatment response in cats and dogs diagnosed with malignant lymphoma

- Thymidine Kinase is a cytosolic enzyme marker of cell proliferation
- Serum concentrations increase in cases of malignant lymphoma
- Serum concentration may be associated with prognosis
- Use to document chemotherapeutic success by comparison to pre-treatment values
- Monitor chemotherapy and identify relapse prior to clinical deterioration
- Differentiate between causes of clinical deterioration in a lymphoma patient receiving chemotherapy

0.3 mL Serum sample required

### See also:

VonEuler, Einarsson, Olsson, Lagerstedt and Erikson (2004)  
Serum Thymidine Kinase Activity in Dogs with Malignant Lymphoma:  
A potent marker for prognosis and monitoring the disease.

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