



Stiftung Tierärztliche Hochschule Hannover, Klinik für Rinder,
Bischofsholer Damm 15, 30173 Hannover

Clinical Centre for Farm Animals

Veterinary endocrinology and laboratory
diagnostics

Prof. Dr. Marion Schmicke

Bischofsholer Damm 15
30173 Hannover – Germany

Fon. +49 0511-856-7479

Fax +49 0511-856-827427

marion.schmicke@tiho-hannover.de

TRH stimulation test in dogs

Indication	Diagnosis of hypothyroidism in the dog
Realisation	1st blood sample basal value Application of 0.01 mg/kg TRH i.v. (e.g. 0.05 ml/kg TRH Ferring Injection Solution® 0.2 mg from Ferring) !Cave: Maximum dose 0.2 mg/dog 2nd blood sample after 20 min 3rd blood sample after 2 hours 4th blood sample after 3 hours
Material	2 ml serum or lithium heparin plasma
Laboratory analysis	Total thyroxine (TT4) and TSH sequential immunometric chemiluminescence assay
Costs	49,50€ + VAT