



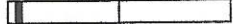
<b>Account ID:</b> MRSJ	<b>Pet-Owner:</b> Jana Mrsnik	<b>Internal lab-number:</b> LZ109298
Veterinarska ambulanta Vetris	<b>Animal name:</b> Vinnie v. S.	<b>Barcode number:</b> 78763915
Ulica IV.armije 19	<b>Species:</b> Hund	<b>Date of receipt:</b> 12.10.2018
6250 Ilirska Bistrica	<b>Gender:</b> F	<b>Material:</b> serum
	<b>Age:</b> 02 Y	

**LAB REPORT:**  **Vinnie v. S.**

TEST	RESULT	REFERENCE RANGE	
Lipemia	index negative		1)
Hemolysis	index negative		2)

**material: serum**

**Thyroid profile 1**

T4 (total T4)	33.5	12.9 - 51.5	nmol/l		3),4)
<13 nmol/l	Low				
13 - 52 nmol/l	Normal				
>52 nmol/l	High				
27 - 70 nmol/l	Therapeutic				
Free T4 (CLIA)	28.1	7.7 - 47.6	pmol/l		3)
Canine TSH	0.05	< 0.5	ng/ml		3)

**Interpretation and comments:**

- 1)  
The level of lipaemia of the specimen has no significant impact on the analysis of the clinical-chemical parameters. (method: photometry)
- 2)  
The level of haemolysis in the specimen shows no significant impact on the analysis of clinical-chemical parameters. (method: photometry)
- 3)  
Location Leipzig (not accredited)
- 4)  
Dogs with no clinical signs of hypothyroidism and results within the normal reference range are likely euthyroid. Dogs with low T4 concentrations may be hypothyroid or "euthyroid sick". Occasionally, hypothyroid dogs can have T4 concentrations that are low normal. Dogs with clinical signs of hypothyroidism and low or low normal T4 concentrations may be evaluated further by submission of canine TSH.  
A mildly elevated T4 concentration in a clinically normal dog is likely variation of normal. Thyroid neoplasia is rare in dogs.  
For dogs on thyroid supplement, acceptable 4-6 hour post pill total T4 concentrations generally fall within the higher end or slightly above the reference range.

**Validated by:**