12 SUMMARY - MEDIAGNOST MOUSE-/RAT-GH ELISA

Preparation of reagents:		**Reconstitution:**	**Dilution:**
A-G	**Standards**	in **1 mL** Dilution Buffer **VP**	-
KS1	**Control Serum 1**	in **150 µL** Dilution Buffer **VP**	**1:5** with Dilution Buffer **VP**
KS2	**Control Serum 2**	in **150 µL** Dilution Buffer **VP**	**1:5** with Dilution Buffer **VP**
WP	**Washing Buffer**	-	**1:20** with **Aqua dest.**
Sample and Control Sera KS1 and KS2: dilute 1:5 with Dilution Buffer **VP**, **mix immediately, incubate max. 60 min**. **Use 100 µL** for each well in the assay.			
Before assay procedure bring all reagents to room temperature **20-25°C.**			

Assay Procedure in Double Determination:			
Pipette	**Reagents**		**Position**
100 µL	Dilution Buffer **VP** (Blank)		A1/A2
100 µL	Standard **A** (**0.15 ng/mL**)		B1/B2
100 µL	Standard **B (0.45 ng/mL**)		C1/C2
100 µL	Standard **C** (**0.90 ng/mL**)		D1/D2
100 µL	Standard **D** (**1.8 ng/mL**)		E1/E2
100 µL	Standard **E** (**3.6 ng/mL**)		F1/F2
100 µL	Standard **F** (**6.0 ng/mL**)		G1/G2
100 µL	Standard **G** (**9.0 ng/mL**)		H1/H2
100 µL	Control Serum **KS1**	(1:5 diluted)	A3/A4
100 µL	Control Serum **KS2**	(1:5 diluted)	B3/A4
100 µL	Sample	(1:5 diluted)	in the rest of the wells according the requirements
Cover the wells with the sealing tape.			
Sample Incubation: 1 h at 20-25°C, 350 rpm			
5x 300 µL	Aspirate the contents of the wells and wash **5x** with **300 µL** each Washing Buffer WP/ well.		In each well
100 µL	Antibody Conjugate **AK**		In each well
Cover the wells with the sealing tape.			
Incubation: 1 h at 20-25°C, 350 rpm			
5x 300 µL	Aspirate the contents of the wells and wash **5x** with **300 µL** each Washing Buffer **WP/ well**.		In each well
100 µL	Enzyme Conjugate **EK**		In each well
Mit Klebefolie die Vertiefungen dicht abdecken.			
Incubation: 0.5 h at 20-25°C, 350 rpm			
5x 300 µL	Aspirate the contents of the wells and wash **5x** with **300 µL** each Washing Buffer **WP/ well**.		In each well
100 µL	Substrate Solution **S**		In each well
Substrat S Incubation: 0.5 h in the Dark at 20-25°C			
100 µL	Stopping Solution **SL**		In each well
Measure the absorbance within **30 min** at **450 nm** with **≥ 590 nm** as reference wavelength.			