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# Certificate

External Quality Assessment Scheme October 2007

**INSTAND e.V.**  
 Gesellschaft zur Förderung  
 der Qualitätssicherung in  
 medizinischen Laboratorien e. V.  
 (vormals Hämometerprüfstelle)  
 Ubier - Str. 20 / PF 250211  
 40223 / 40093 Düsseldorf  
 Tel. (0211) 159213 - 0  
 FAX (0211) 159213 - 30

This is to certify that the undermentioned participant has fulfilled the requirements for the following analyts/parameters:

**MYOCARDIAL MARKERS :**  
 Myocardial markers - troponin I

Myocardial markers - CK-MB    myoglobin (M.I)

Myocardial markers - myoglobin

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**Microanalysis S.A.**  
**Dr. Petros Karampatses**  
 Lavriou AV. 45 & EL. Venizelou  
 Leoforos Lavrion 45  
 15354 Glyka Nera  
 Griechenland



Düsseldorf, der 18.12.2007

Prof. Dr. med. Reinauer  
 ( Director of the board )



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(R) = RiliBÄK: valid 6 months

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**BLOOD CELL COUNT :** Blood cell count - haemoglobin (R)

Blood cell count - erythrocytes (R)

Blood cell count - platelet count (R)

Blood cell count - basophile granulocytes

Blood cell count - haematocrit el.count (R)

Blood cell count - neutrophil granulocytes

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<b>URINE CHEMISTRY:</b>	protein (M.1) (R)	urea (M.2) (R)	creatinine (M.2) (R)
albumin (M.5) (R)	potassium (M.2) (R)	sodium (M.2) (R)	phosphate (R)
amylase (M.22)	epinephrine (M.72)	dopamine (M.72)	homovanillic acid (M.72)
5-hydroxyindolea.acid (M.72)	norepinephrine (M.72)	normetanephrine (M.72)	vanillylmandelic acid (M.72)
<b>THYROID HORMONES :</b>	T3 (R)	free T3	T4 (R)
free T4	TSH (R)		
<b>THYROID GLAND HORMONES :</b>			
anti-TPO (quant) (M.40)	anti-tyreoglobulin (qual) (M.40)		
anti-tyreoglobulin (quant) (M.40)			
<b>PREGNANCY / FERTILITY ANALYTES :</b>			
LH (M.40)	FSH (M.40)	AFP (M.40) (R)	
<b>ADRENAL GLAND / PITUITARY :</b>			
prolactin (3.IS) (M.40)	1-39 ACTH (M.22)	HGH (M.22)	
<b>CA-METABOLISM :</b>	thyreoglobulin (M.22)	DHEA-S (M.22)	
<b>ARTERIOSCLEROSIS :</b>	arteriosclerosis - homocystein		arteriosclerosis - cobalamin

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### THERAPEUTIC DRUG MONIT.:

phenytoin (M.18) (R)  
digoxin (M.18) (R)

primidon (M.5) (R)

carbamacepine (M.18) (R)  
theophylline (M.5) (R)

phenobarbital (M.18) (R)  
valproic acid (M.18) (R)

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<b>CAPILLARY ZONE ELECTROPH.</b> :	albumin (elpho) (R)	a1-globulins	a2-globulins
beta-globulins			
<b>NARCOTIC DRUGS I.HUMAN URINE:</b>	delta-9-THC-COOH (M.5)	delta-9-THC-COOH (M.5)	amphetamine (M.5)
benzoyllecgonin (quant.) (M.5)	opiate total (M.5)		
<b>PLASMAPROTEINS :</b>	IGG (M.35) (R)	IGM (M.35) (R)	IGE
a1-antitrypsin	coeruloplasmin (M.21)		
haptoglobin (M.21)	CRP (M.35) (R)		
C4-complement (M.35)			
<b>TUMORMARKERS :</b>	CEA		
TPA (M.3)	CA 19-9		
CA 125	SCC		
CA 72-4 (M.3)	HCG, total		
PSA (R)			
<b>HORMONES :</b>	17-b-estradiol (M.9) (R)		
progesterone (M.9) (R)	thyroxine (M.9) (R)		

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**TOXOPLASMOSIS :** toxoplasmosis - CLIA IgG (qual)  
toxoplasmosis - CLIA IgM (qual)  
toxoplasmosis - interpretation of results  
toxoplasmosis - Avidity

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Düsseldorf, der 11.1.2008

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**HAEMOSTASIS:** TPZ, quick percent (R) TPZ INR (R) aPTT (R)

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Düsseldorf, der 11.01.2008



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### ALLERGY :

Kuhmilch (RAST-Kl.) (M.9)  
Erlenpollen (RAST-Kl.) (M.4)  
Allergy - IGE

Dermatofarinae (RAST-Kl.) (M.9)  
Apfel (RAST-Kl.) (M.9)  
Rotbuche (RAST-Kl.) (M.4)

Roggen (RAST-Kl.) (M.9)  
Biene (RAST-Kl.) (M.9)

Katze (RAST-Kl.) (M.9)  
Cladosp.herb (RAST-Kl.) (M.9)  
Wespe (RAST-Kl.) (M.9)

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Düsseldorf, der 01.02.2008

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