

## Certificate of Analysis/Analysezertifikat

CERTIFICATE of ANALYSIS					
Product:	Fetal Bovine Serum				
Lot-Nr:	P 610224	Origin:	South America		
out of Batch-No.					
	Result:	Guide value	Result:	Guide value:	
pH:	7,5	6,5-8,0	Osmolality:	315 mOsmol/kg	280-340
Hemoglobin:	13,2 mg/ 100 ml	5-100	Total Protein:	3851 mg/ 100 ml	3200-4200
Sterility:	sterile	sterile	Endotoxin:	0,3183 ng/ml	
Mycoplasma:	negative	negative	Glucose:	133,2 mg/ 100 ml	
Virus Testing:	negative	negative	IgG:	270 µg/ml	
Albumin	2777 mg/100 ml	1800-3500	Cholesterol:	35,6 mg/ 100 ml	25-55
α-Globulin	720 mg/100 ml	700-2000	Triglycerides:	90,4 mg/ 100 ml	45-90
β-Globulin	320 mg/100 ml	300-900	Tetracycline	negative	negative

## Cell Growth (number of cells per ml)

Cell line L 929	Seed	2. day	5. day	7. day
Test charge	1,00E+04	1,85E+04	6,25E+05	9,05E+05
Control	1,00E+04	1,88E+04	6,25E+05	8,65E+05

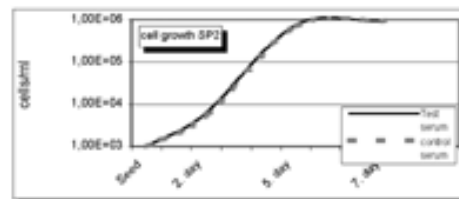
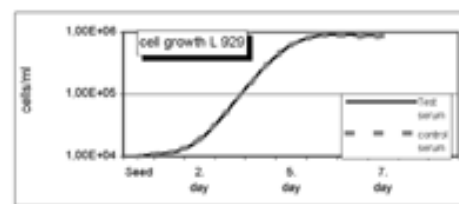
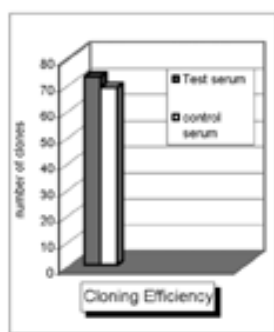
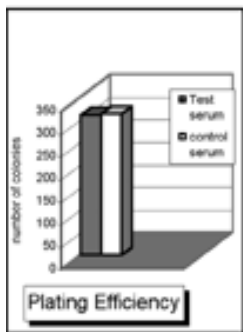
Cell line SP2	Seed	2. day	5. day	7. day
Test charge	1,00E+03	6,13E+03	7,55E+05	9,40E+05
Control	1,00E+03	5,41E+03	7,05E+05	9,75E+05

## Plating Efficiency ( L 929 )

	Number of colonies	absolute PE %	relative PE %
Test charge	310	62	99
Control serum	312	62	100

## Cloning Efficiency ( SP2 )

	Number of clones	absolute CE %	relative CE %
Test charge	72	75	106
Control serum	68	71	100



Aidenbach

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The company Das Unternehmen

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