

Certificate of Analysis							
Product:	Fetal Bovine Serum			Cat.-No.:		P30-3301	
Lot-No:	P130505		Origin:	South America			
Expiry:	05/2019						
	Test result:		Standard range:		Test result:		Standard range:
pH:	7.46	mg/ 100 ml	6.9 - 8.0	Osmolality:	304	mOsmol/kg	280 - 350
Hemoglobin:	16.4		1-25	Total Protein:	4263	mg/ 100 ml	3300 - 5500
Sterility:	sterile		sterile	Endotoxin:	8.91	ng/ml	0.001 - 10.0
Mycoplasma:	negative		negative	Glucose:	42.9	mg/ 100 ml	25 - 200
Virus Testing:	negative	mg/100 ml	negative	IgG:	233	µg/ml	15 -350
Albumin	3270		1500 - 3500	Cholesterol:	36.5	mg/ 100 ml	15 - 85
α-Globulin	644	mg/100 ml	400 - 2000	Triglycerides:	72.5	mg/ 100 ml	45 - 100
β-Globulin	350	mg/100 ml	200 - 900				

Cell Growth (number of cells per ml)

Cell line L 929	Seed	2. day	5. day	7. day
P130505	1,00E+04	3,60E+04	8,10E+05	9,10E+05
Control	1,00E+04	3,15E+04	7,10E+05	8,45E+05

Cell line SP2	Seed	2. day	5. day	7. day
P130505	1,00E+03	8,30E+03	1,03E+06	1,15E+06
Control	1,00E+03	8,40E+03	9,50E+05	1,10E+06

Plating Efficiency (L 929)

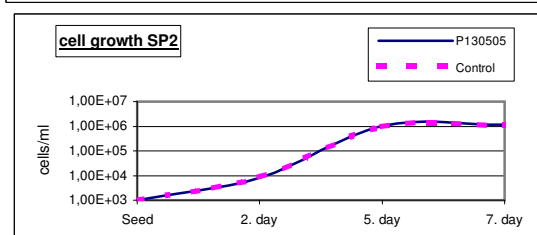
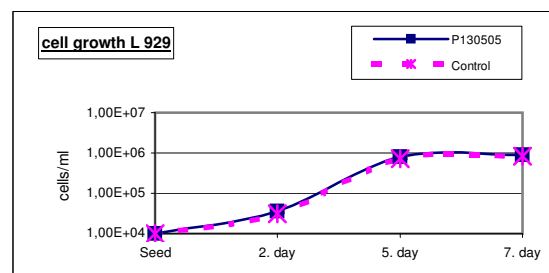
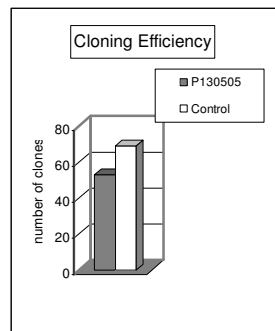
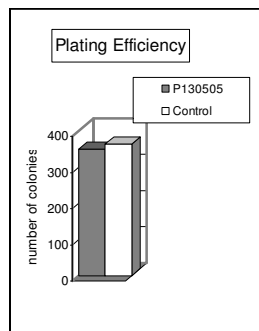
sample control
Generation time L929: **15,97** **15,97 h**

	Number of colonies	absolute PE %	relative PE %
P130505	349	70	96
Control	364	73	100

Cloning Efficiency (SP2)

sample control
Generation time SP2: **10,32** **10,52 h**

	Number of clones	absolute CE %	relative CE %
P130505	53	55	77
Control	69	72	100



Aidenbach

24.07.2013

Dr. Josef Seidl