






Central laboratory equipment of Mashhad University of Medical Sciences

Devices	Producer Company	Device Model	Device Name	
	Applied Biosystems (ABI)	StepOne	Real Time PCR	1
	Roche	Light Cycler 96	Real Time PCR, Light Cycler	2
	Cecil	CE-9500	UV-VISIBLE SPECTROPHOTOMETE R	3
	BioTek	Epoch	Microplate spectrophotometer	4
	PerkinElmer	VICTOR X5	Multilabel Plate Reader	5
	Thermo	NanoDrop 2000	Nanodrop	6

	General Electric (GE)	AKTA-FPLC	FPLC	7
	BIO-RAD	PROTEAN II xi 2D	Two-dimensional electrophoresis	8
	BIO-RAD	GS-800	Densitometer	9
	Heidolph	Laborata 4003 Control	Rotary evaporator	10
	Bandelin	DT 510	Ultrasonic Bathroom	11

	Bandelin	SonoPulse HD 3200	Ultrasonic homogenizer	12
	Heidolph	SilentCrusher S	Mechanical homogenizer	13
	SG Waters	Ultra Clear plus	Ultra-pure water system	14
	Zeiss	AxioImager A2	Research microscope	15
	Nikon	Eclips-E200	Fluorescent microscope	16

	Crist	Alpha 2-4 LD plus	Freeze Dryer	17
	NuAire	NU-4950	Water jacket incubator	18
			Cell culture room	19
	Sigma	K30-3	Refrigerator centrifuge	20
	Heidolph	Unimax 1010	Orbital Shaker	21

	Hoarfrost equipment	JTSL 50	Refrigerator incubator shakers	22
	Tomy	SX-700	autoclave	23
	Denver	SI-114	Sensitive microbalance	24
	Scotsman	AF 80	ice maker	25
	Miele	G 7883	Car washing and disinfection of laboratory instruments	26
	SANYO and Dairei	MDF-U33V	Freezers -80°C	27
	Mettler	UNB 400	Oven	28
	Mettler	WNB 14	Ben Murray	29
	Denver		Zero Balance 2	30
	AZ	86502	pH meter	31
	Sartorius	With one liter flask and Mm 0.2 and 0.4 and cellulose acetate filters and PTFE	Holder filter system to filter the liquid with vacuum	32
	Electronic Fater	6204	Double distilled water distillation plant	33
	Pacific Image	T12621D	Trans-illuminator	34
	SIGMA Labnet	1-14 Spectrafuge 24D	Micro Rotary	35
	Behdad	BH-1200	Universal Centrifuge	36

Lab 1, 2 and 3 of Dept. of Modern Sciences and Technology

Place	Number	device name	
Lab 1 and 2	Device 4	refrigerator	1
Cell culture lab	Device 1	Constant laminar hood Class 1	2
Lab 1	Device 1	Chemical Hood	3
Lab 1	Device 1	Hematology Mixer	4
Cell culture lab	Device 1	Inverted microscope	5
Lab 1,2	Device 2	Microcentrifugation	6
Cell culture lab	Device 2	Vertex	7
Lab 1	Device 1	PCR work station	8
Lab 1	Device 3	Hot Plyt- stirrer	9
Lab 1	Device 1	Microwave	10
Lab 1,2	Device 1	Lvmynatvr	11
Lab 1	Device 1	Electric furnace	12
Lab 1,2	Device 6	-20 ° C freezer	13
Lab 1,2	Device 4	-80 ° C freezer	14
Lab 1,2	Device 3	Centrifuge	15
Cell culture lab	Device 1	Centrifuge refrigerator	16
Lab 1	Device 1	Different gel electrophoresis tanks	17
Lab 1	Device 1	Gel dock	18
Lab 1	Device 1	Western blot detection	19
Lab 1	Device 1	Rotator with a horizontal plane	20
Lab 1	Device 1	Thermal gradient PCR Sayklr	21
Lab 1,2	Device 1	Thermo PCR Sayklr	22
Lab 1,2	Device 1	Thermo Sayklr	23

Lab 1	Device 1	Digital scale	24
Lab 1	Device 1	Digital scale analytical	25
Cell culture lab	Device 1	Vacuum pumps	26
Lab 1	Device 1	Ben Murray	27
Lab 2	Device 1	Evidence Investigator – Biochip Analyser	28
Lab 1,2	Device 1	Conventional oven to 200 degrees	29
Lab 1,2	Device 1	Carbon dioxide incubator	30
Lab 1	Device 1	Incubator	31
Lab 1	Device 2	PH meters	32
Lab 1	Device 1	Elisa reader	33
Lab 1	Device 1	Steam autoclave	34
Lab 1	Device 1	Comet Assay tank	35
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