

Table EV2: Equipment and furniture costs of the RT-LAMP test station

1	Equipment for RT-LAMP assay from SOP	Quantity	Unit price (EURO)	Useful life year	Total cost	Annual cost	Monthly cost	Daily cost
	Liquidator 96-20 Manual Pipetting System	1	15.200,00	10	15.200,00	1.520,00	126,67	4,22
	12 channel pipette VIAFLO 5-125µL	1	1.000,00	10	1.000,00	100,00	8,33	0,28
	Tecan M1000pro	1	100.000,00	10	100.000,00	10.000,00	833,33	27,78
	384-well cooling block	4	320,00	8	1.280,00	160,00	13,33	0,44
	4s2 automated heat sealer	1	4.000,00	8	4.000,00	500,00	41,67	1,39
	Prime Thermal Cycler, 384-well	4	3.100,00	8	12.400,00	1.550,00	129,17	4,31
	neoLabline plate centrifuge	1	420,00	8	420,00	52,50	4,38	0,15
	PCR cabinet (LAMP reaction)	1	3.000,00	11	3.000,00	272,73	22,73	0,76
	Vortex	1	201,00	8	201,00	25,13	2,09	0,07
	Microcentrifuge	1	164,00	8	164,00	20,50	1,71	0,06
	Pipette Set (1000/200/20/2 µl)	1	830,00	8	830,00	103,75	8,65	0,29
	Seal Roller	1	55,00	10	55,00	5,50	0,46	0,02
2	Equipment for RNA extraction from SOP	Quantity	Unit price (EURO)	Useful life year	Total cost	Annual cost	Monthly cost	Daily cost
	Magnet Plate for 96-well deep well plates	4	2.100,00	8	8.400,00	1.050,00	87,50	2,92
	1 ml Pipette	1	170,00	8	170,00	21,25	1,77	0,06
	200 µl Pipette	1	170,00	8	170,00	21,25	1,77	0,06
	Heat block	1	1.800,00	8	1.800,00	225,00	18,75	0,63
	Plate centrifuge	1	4.752,00	8	4.752,00	594,00	49,50	1,65
	Vortex	1	201,00	8	201,00	25,13	2,09	0,07
	8-channel Decapper	1	3.200,00	8	3.200,00	400,00	33,33	1,11
	Mini Zentrifuge	1	234,00	8	234,00	29,25	2,44	0,08
3	Other equipment	Quantity	Unit price in EURO	Useful life year	Total cost	Annual cost	Monthly cost	Daily cost

	Computer	1	999,00	3	999,00	333,00	27,75	0,93
	hand scanner	2	570,00	3	1.140,00	380,00	31,67	1,06
	Bio-safety hood	1	10.500,00	11	10.500,00	954,55	79,55	2,65
	Robot Hamilton	1	194.000,00	10	194.000,00	19.400,00	1.616,67	53,89
	freezers	4	1.111,00	10	4.444,00	444,40	37,03	1,23
	Fridge	3	1.073,00	10	3.219,00	321,90	26,83	0,89
	Water cooker	1	170,00	8	170,00	21,25	1,77	0,06
	Laptop for hand scanner	1	799,00	3	799,00	266,33	22,19	0,74
	Label printer (Zebra GK420t)	1	368,00	3	368,00	122,67	10,22	0,34
	Printer	1	259,00	3	259,00	86,33	7,19	0,24
	PCR machines 384	4	3.000,00	8	12.000,00	1.500,00	125,00	4,17
	Trash can	3	60,00	10	180,00	18,00	1,50	0,05
	sub-sum				228.078,00	23.848,43	1.987,37	66,25
	Sum equipment costs				385.555,00	40.524,41	3.377,03	112,57
4	Furniture	Quantity	Unit price in EURO	Useful life year	Total cost	Annual cost	Monthly cost	Daily cost
	Chair	5	129,00	15	645,00	43,00	3,58	0,12
	Table	4	641,00	15	2.564,00	170,93	14,24	0,47
	Sum furniture costs				3.209,00	213,93	17,83	0,59
	Sum equipment and furniture costs				388.764,00	40.738,34	3.394,86	113,16

Data sources on useful life years:

1. https://www.uni-hannover.de/fileadmin/luh/content/dezernat5/dokumente/grundlagen/afa_tabelle_kpmg_okt_2001-lang-vollstaendig.pdf
2. https://www.finanzen.tu-berlin.de/fileadmin/abt5/Kosten/AfA_2010_-_lang_Stand_20.01.2016.pdf
3. https://www.bundesfinanzministerium.de/Content/DE/Standardartikel/Themen/Steuern/Weitere_Steuerthemen/Betriebspruefung/AfA-Tabellen/Ergaenzende-AfA-Tabellen/AfA-Tabelle_AV.html