

Health Monitoring Report										
Harlan LABORATORIES ISRAEL										
Location: Jerusalem - Barrier 3 (Mice)										
Direct animal testing						Environmental testing (each sample represents 70 pooled cages)				
Viruses	Most Recent Test Date	Most Recent Results *	Past 18 months results *	Test Frequency	Test Method	Most Recent Test Date	Most Recent Results *	Past 18 months results *	Test Frequency	Test Method
Ectromelia Virus	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	qPCR
Hantavirus	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	RT-PCR
LDEV	03/08/2026	0/8	0/16	Semi-Annually	ELISA	01/06/2026	0/2	0/12	4 per year	RT-PCR
Lymphocytic choriomeningitis virus	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	RT-PCR
Minute virus of mice	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	qPCR
Mouse Adenovirus I and II (FL and K87)	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	qPCR
Mouse cytomegalovirus	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	qPCR
Mouse Encephalomyelitis Virus (GDVII)	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	RT-PCR
Mouse hepatitis virus	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	RT-PCR
Mouse K-virus	03/08/2026	0/8	0/66	Semi-Annually	ELISA	01/06/2026	0/2	0/12	4 per year	qPCR
Mouse Kidney Parvovirus (MKPV)	03/08/2026	0/8	0/16	Semi-Annually	qPCR	01/06/2026	0/2	0/12	4 per year	qPCR
Mouse norovirus	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	RT-PCR
Mouse Parvovirus (MPV)	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	qPCR
Mouse polyoma virus	03/08/2026	0/8	0/66	Semi-Annually	ELISA	01/06/2026	0/2	0/12	4 per year	qPCR
Mouse rotavirus (EDIM)	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	RT-PCR
Mouse Thymic Virus (MTV)	03/08/2026	0/8	0/16	Semi-Annually	IFA	01/06/2026	0/2	0/12	4 per year	qPCR
Pneumonia virus of mice	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	RT-PCR
Reovirus type 3	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	RT-PCR
Sendai virus	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	RT-PCR
Seoul virus	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	RT-PCR
Sin nombre virus	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	RT-PCR
Bacteria, Mycoplasma and Fungi										
Bordetella bronchiseptica	03/08/2026	0/14	0/108	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	qPCR
CAR Bacillus	03/08/2026	0/8	0/66	Semi-Annually	ELISA	01/06/2026	0/2	0/12	4 per year	qPCR
Citrobacter rodentium	03/08/2026	0/14	0/108	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	qPCR
Clostridium piliforme	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	qPCR
Corynebacterium bovis (HAC)	03/08/2026	0/8	0/16	Semi-Annually	qPCR	01/06/2026	0/2	0/12	4 per year	qPCR
Corynebacterium kutscheri	03/08/2026	0/14	0/108	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	qPCR
Dermatophytes	03/08/2026	0/14	0/108	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	qPCR
Helicobacter spp*	03/08/2026	0/8	0/66	Semi-Annually	qPCR	01/06/2026	0/2	0/12	4 per year	qPCR
Klebsiella oxytoca	03/08/2026	0/14	0/108	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	qPCR
Klebsiella pneumoniae	03/08/2026	0/14	0/108	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	qPCR
Mycoplasma pulmonis	03/08/2026	0/8	0/66	Semi-Annually	BEAD	01/06/2026	0/2	0/12	4 per year	qPCR
Pasteurella multocida	03/08/2026	0/14	0/108	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	qPCR
Pasteurella pneumotropica	05/05/2025	0/16	0/32	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	qPCR
Rodentibacter heylII	03/08/2026	0/14	0/76	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	q-PCR
Rodentibacter pneumotropicus	03/08/2026	0/14	0/76	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	q-PCR
Pneumocystis spp.	03/08/2026	0/8	0/66	Semi-Annually	qPCR	01/06/2026	0/2	0/12	4 per year	q-PCR
Pseudomonas aeruginosa	03/08/2026	0/14	0/108	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	qPCR
Salmonella spp	03/08/2026	0/14	0/108	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	qPCR
Streptobacillus moniliformis	03/08/2026	0/14	0/108	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	qPCR
Streptococci B-haemolytic (Not group D)	03/08/2026	0/14	0/108	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	qPCR
Streptococcus pneumoniae	03/08/2026	0/14	0/108	Semi-Annually	CULTURE	01/06/2026	0/2	0/12	4 per year	qPCR
Parasites										
Ectoparasites	03/08/2026	0/14	0/108	Semi-Annually	MICR	01/06/2026	0/2	0/12	4 per year	qPCR (Note 1)
Encephalitozoon cuniculi	03/08/2026	0/8	0/66	Semi-Annually	ELISA	01/06/2026	0/2	0/12	4 per year	q-PCR
Endoparasites	03/08/2026	0/14	0/108	Semi-Annually	MICR	01/06/2026	0/2	0/12	4 per year	qPCR (Note 2)
Enteric protozoa	03/08/2026	0/14	0/108	Semi-Annually	MICR	01/06/2026	0/2	0/12	4 per year	qPCR
Pathological Lesions										
Gross Lesions	03/08/2026	0/14	0/108	Semi-Annually	PATH	01/06/2026	0/2	0/12	4 per year	qPCR
Testing Laboratory: HBI Biotech/Inotiv Italy						Outbred Hsd:ICR (CD-1®) Crj:HE-CD-1				
Date Barrier Populated: 22/4/2022						Inbred BALB/cJcHsd C57BL/6JcHsd C57BL/6JcHsd C3H/HeNcHsd DBA/2NcHsd FVB/NHanScHsd SJL/JcHsd				
Species within barrier: Mouse						Hybrid C56F1/OlaHsd CSJLFI/HiHsd B6D2F1Hsd				
Report Notes:						Transgenic FVB:129Sv-Scn4<tm1Nbm>Tg				
a. Data is expressed as number positive/number tested										


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* Helicobacter spp.:
rodentium
thylpinius
mastomirinus
ganymary
bilis
hepaticus

Note 1 - Ectoparasites include Myobia,Radfordia, Mycoptes musculus

Note 2 - Endoparasites include Aspicirus tetraaptera,Chiomastix spp.,
Entamoeba muris., Giardia muris, spironucleus muris.,Syphacia muris.,
Syphacia obvelata,Tritrichomonas muris