

HEALTH CERTIFICATE

1/1

Facility: RIKEN BRC Experimental Animal Division Date: July 2, 2012

Examination No: 12201

| Class | Pathogens | Methods | Animals: BALB/c-nu/+ ♀ | | | | | | | | | | | |
|-------------|------------------------------------|-------------|------------------------|-------|--|--|--|--|--|--|--|--|--|--|
| | | | 2-1-C | 2-1-D | | | | | | | | | | |
| A | Mouse hepatitis virus | Serology | 0/1 | 0/1 | | | | | | | | | | |
| | Sendai virus | Serology | 0/1 | 0/1 | | | | | | | | | | |
| | <i>Clostridium piliforme</i> | Serology | 0/1 | 0/1 | | | | | | | | | | |
| | Hantaan virus | Serology | 0/1 | 0/1 | | | | | | | | | | |
| | Ectromelia virus | Serology | 0/1 | 0/1 | | | | | | | | | | |
| | Lymphocytic choriomeningitis virus | Serology | 0/1 | 0/1 | | | | | | | | | | |
| | <i>Mycoplasma pulmonis</i> | Serology | 0/1 | 0/1 | | | | | | | | | | |
| Cultivation | | 0/1 | 0/1 | | | | | | | | | | | |
| A/B | <i>Salmonella</i> spp. | Cultivation | 0/1 | 0/1 | | | | | | | | | | |
| B | <i>Citrobacter rodentium</i> | Cultivation | 0/1 | 0/1 | | | | | | | | | | |
| | <i>Corynebacterium kutscheri</i> | Cultivation | 0/1 | 0/1 | | | | | | | | | | |
| | <i>Pasteurella pneumotropica</i> | Cultivation | 0/1 | 0/1 | | | | | | | | | | |
| | Dermatophytes | Cultivation | 0/1 | 0/1 | | | | | | | | | | |
| | CAR bacillus | Serology | 0/1 | 0/1 | | | | | | | | | | |
| | Ectoparasites | Microscopy | 0/1 | 0/1 | | | | | | | | | | |
| | Intestinal protozoa | Microscopy | 0/1 | 0/1 | | | | | | | | | | |
| | Pinworms | Microscopy | 0/1 | 0/1 | | | | | | | | | | |
| | <i>Helicobacter bilis</i> | PCR | 0/1 | 0/1 | | | | | | | | | | |
| | <i>Helicobacter hepaticus</i> | PCR | 0/1 | 0/1 | | | | | | | | | | |
| C | <i>Pseudomonas aeruginosa</i> | Cultivation | 0/1 | 0/1 | | | | | | | | | | |
| | Gross lesion | | 0/1 | 0/1 | | | | | | | | | | |

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Fumio Ike, Ph.D.

HEALTH CERTIFICATE

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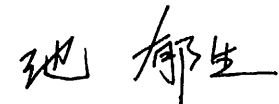
Facility: RIKEN BRC Experimental Animal Division Date: July 2, 2012

Examination No: 12202

| Class | Pathogens | Methods | Animals: BALB/c-nu/+ ♀ | | | | | | | | | | |
|--------------|---------------------------------------|-------------|------------------------|-------|-------|-------|-------|--|--|--|--|--|--|
| | | | 2-3-A | 2-3-B | 2-3-C | 2-3-D | 2-3-E | | | | | | |
| A | Mouse hepatitis virus | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | Sendai virus | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | <i>Clostridium piliforme</i> | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | Hantaan virus | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | Ectromelia virus | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | Lymphocytic choriomeningitis virus | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | <i>Mycoplasma pulmonis</i> | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| Cultivation | | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | | |
| A/B | <i>Salmonella</i> spp. | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| B | <i>Citrobacter rodentium</i> | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | <i>Corynebacterium kutscheri</i> | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | <i>Pasteurella pneumotropica</i> | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | Dermatophytes | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | CAR bacillus | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | Ectoparasites | Microscopy | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | Intestinal protozoa | Microscopy | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | Pinworms | Microscopy | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | <i>Helicobacter bilis</i> | PCR | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | <i>Helicobacter hepaticus</i> | PCR | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| C | <i>Staphylococcus aureus</i> | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | <i>Pseudomonas aeruginosa</i> | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | <i>Pneumocystis murina</i> | PCR | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| D | Lactate dehydrogenase elevating virus | RT-PCR | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| | Mouse polyomavirus | PCR | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |
| Gross lesion | | | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | | | | | |

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Fumio Ike, Ph.D.

HEALTH CERTIFICATE

Facility: RIKEN BRC

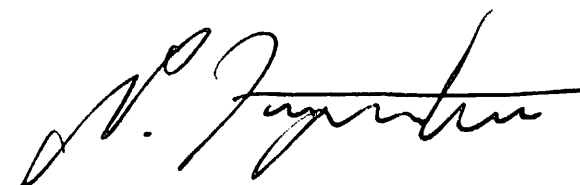
Experimental Animal Division

Date: July 11, 2012

Examination No:12M416

| Animals Pathogens | | 2-3-A | 2-3-B | 2-3-C | 2-3-D | 2-3-E | | | | | |
|----------------------|-------------------------------|-------|-------|-------|-------|-------|--|--|--|--|--|
| | | | | | | | | | | | |
| Serology | EDIM virus (Rotavirus) | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | | | | | |
| | Mouse parvovirus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | | | | | |
| | Mouse Minute virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | | | | | |
| | Mouse adenovirus (FL) | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | | | | | |
| | Mouse cytomegalovirus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | | | | | |
| | Mouse encephalomyelitis virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | | | | | |
| | Murine Norovirus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | | | | | |
| | Pneumonia virus of mice | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | | | | | |
| | Reovirus type 3 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | | | | | |
| Gross lesion | | | | | | | | | | | |

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Nobuhito Hayashimoto, D.V.M., Ph.D.

HEALTH CERTIFICATE

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Facility: RIKEN BRC Experimental Animal Division Date: July 2, 2012

Examination No: 12203

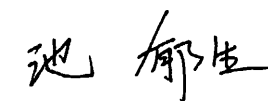
| Class | Pathogens | Methods | Animals: BALB/c-nu/+ ♀ | | | | | | | | | |
|--------------|------------------------------------|-------------|------------------------|-------|-------|-------|-------------|-------------|-------------|-------------|--|--|
| | | | 2-4-A | 2-4-B | 2-4-C | 2-4-E | 2-4-B 01 | 2-4-B 02 | 2-4-B 03 | 2-4-B 04 | | |
| A | Mouse hepatitis virus | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | Sendai virus | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | <i>Clostridium piliforme</i> | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | Hantaan virus | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | Ectromelia virus | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | Lymphocytic choriomeningitis virus | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | <i>Mycoplasma pulmonis</i> | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| A/B | <i>Salmonella</i> spp. | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| B | <i>Citrobacter rodentium</i> | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | <i>Corynebacterium kutscheri</i> | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | <i>Pasteurella pneumotropica</i> | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | Dermatophytes | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | CAR bacillus | Serology | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | Ectoparasites | Microscopy | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | Intestinal protozoa | Microscopy | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | Pinworms | Microscopy | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | <i>Helicobacter bilis</i> | PCR | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | <i>Helicobacter hepaticus</i> | PCR | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| C | <i>Staphylococcus aureus</i> | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | <i>Pseudomonas aeruginosa</i> | Cultivation | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| | <i>Pneumocystis murina</i> | PCR | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |
| Gross lesion | | | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | 0/1 | | |

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