

Facility: Immunology Frontier Research Center, Osaka University

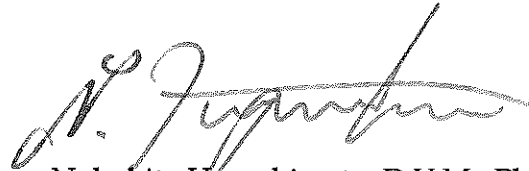
Date: December 04, 2012

Examination No:120884

HEALTH CERTIFICATE

| Animals Pathogens | | ICR | ICR | ICR | ICR | ICR | ICR | ICR | ICR | ICR | ICR |
|----------------------|----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | ♀ 8W ≤ C3-1-A | ♀ 8W ≤ C3-1-C | ♀ 8W ≤ C3-1-E | ♀ 8W ≤ C3-1-G | ♀ 8W ≤ C3-2-A | ♀ 8W ≤ C3-2-C | ♀ 8W ≤ C3-2-E | ♀ 8W ≤ C3-2-G | ♀ 8W ≤ C3-3-A | ♀ 8W ≤ C3-3-C |
| Cultivation | <i>Corynebacterium kutscheri</i> | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | <i>Mycoplasma pulmonis</i> | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | <i>Salmonella</i> spp. | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| Serology | <i>Clostridium piliforme</i> | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Ectromelia virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | LCM virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Mouse hepatitis virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | <i>Mycoplasma pulmonis</i> | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Sendai virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Ectoparasites | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| Microscopy | Intestinal protozoa | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Pinworm | 0 / 1 | 0 / 1 | 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 | 0 / 1 | 0 / 1 |

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 Central Institute for Experimental Animals
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 Nobuhito Hayashimoto, D.V.M., Ph.D.

Facility: Immunology Frontier Research Center, Osaka University

HEALTH CERTIFICATE

Date: December 04, 2012

Examination No:12Q884

| Animals Pathogens | | ICR | ICR | ICR | ICR | ICR | ICR | ICR | ICR | ICR | ICR |
|----------------------|----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | ♀ 8W ≤ C3-3-E | ♀ 8W ≤ C3-3-G | ♀ 8W ≤ C3-4-A | ♀ 8W ≤ C3-4-C | ♀ 8W ≤ C3-4-E | ♀ 8W ≤ C3-4-G | ♀ 8W ≤ C3-5-A | ♀ 8W ≤ C3-5-C | ♀ 8W ≤ C3-5-E | ♀ 8W ≤ C3-5-G |
| Cultivation | <i>Corynebacterium kutscheri</i> | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | <i>Mycoplasma pulmonis</i> | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | <i>Salmonella</i> spp. | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| Serology | <i>Clostridium piliforme</i> | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Ectromelia virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | LGM virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Mouse hepatitis virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | <i>Mycoplasma pulmonis</i> | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Sendai virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Ectoparasites | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| Microscopy | Intestinal protozoa | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Pinworm | 0 / 1 | 0 / 1 | 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 | 0 / 1 | 0 / 1 |

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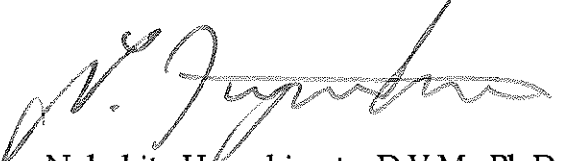
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|----------------------|----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | ♀ 8W ≤ C3-6-A | ♀ 8W ≤ C3-6-C | ♀ 8W ≤ C3-6-E | ♀ 8W ≤ C3-6-G | ♀ 8W ≤ C3-7-A | ♀ 8W ≤ C3-7-C | ♀ 8W ≤ C3-7-E | ♀ 8W ≤ C3-7-G | ♀ 8W ≤ C3-8-A | ♀ 8W ≤ C3-8-C |
| Cultivation | <i>Corynebacterium kutscheri</i> | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | <i>Mycoplasma pulmonis</i> | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | <i>Salmonella</i> spp. | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| Serology | <i>Clostridium piliforme</i> | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Ectromelia virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | LCM virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Mouse hepatitis virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | <i>Mycoplasma pulmonis</i> | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Sendai virus | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Ectoparasites | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| Microscopy | Intestinal protozoa | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 | 0 / 1 |
| | Pinworm | 0 / 1 | 0 / 1 | 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 | 0 / 1 | 0 / 1 |

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|----------------------|----------------------------------|-----------------|-----------------|-----------------|--|--|--|--|--|--|
| | | ♀ 8W≤ C3-8-E | ♀ 8W≤ C3-8-G | ♀ 8W≤ C3-8-I | | | | | | |
| Cultivation | <i>Corynebacterium kutscheri</i> | 0 / 1 | 0 / 1 | 0 / 1 | | | | | | |
| | <i>Mycoplasma pulmonis</i> | 0 / 1 | 0 / 1 | 0 / 1 | | | | | | |
| | <i>Salmonella</i> spp. | 0 / 1 | 0 / 1 | 0 / 1 | | | | | | |
| Serology | <i>Clostridium piliforme</i> | 0 / 1 | 0 / 1 | 0 / 1 | | | | | | |
| | Ectromelia virus | 0 / 1 | 0 / 1 | 0 / 1 | | | | | | |
| | LCM virus | 0 / 1 | 0 / 1 | 0 / 1 | | | | | | |
| | Mouse hepatitis virus | 0 / 1 | 0 / 1 | 0 / 1 | | | | | | |
| | <i>Mycoplasma pulmonis</i> | 0 / 1 | 0 / 1 | 0 / 1 | | | | | | |
| | Sendai virus | 0 / 1 | 0 / 1 | 0 / 1 | | | | | | |
| Microscopy | Ectoparasites | 0 / 1 | 0 / 1 | 0 / 1 | | | | | | |
| | Intestinal protozoa | 0 / 1 | 0 / 1 | 0 / 1 | | | | | | |
| | Pinworm | 0 / 1 | 0 / 1 | 0 / 1 | | | | | | |
| Gross lesion | | 0 / 1 | 0 / 1 | 0 / 1 | | | | | | |

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