

Equine Genetic Testing Report



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|---|
| Submitted By |
| Estrade Camille |
| 22 Rue Grangier Bazas, 33430 France |

Subject Horse

Date Received: 6/20/2017

| | |
|--------------------------------|----------------------------------|
| Horse Name: Uruguai OCO | Lab Reference #: 00096512 |
| Breed: Lusitano | Registration: 60 025401 4 |
| Phenotype: Black | Birth: 2001 |
| Sex: Stallion | |

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|--------------------------|
| Sire |
| Sire Name: Ripado |
| Breed: Lusitano |
| Registration: |
| Phenotype: Black |

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|----------------------------|
| Dam |
| Dam Name: Mabitante |
| Breed: Lusitano |
| Registration: |
| Phenotype: Black |

Coat Color and Pattern Testing

| | |
|------------------|------------|
| Tobiano | Not Tested |
| Frame Overo | Not Tested |
| Sabino 1 | Not Tested |
| Splashed White 1 | Not Tested |
| Splashed White 2 | Not Tested |
| Splashed White 3 | Not Tested |
| Appaloosa (LP) | Not Tested |
| PATN1 | Not Tested |
| Red/Black Factor | Not Tested |
| Agouti | Not Tested |
| Cream Dilution | Not Tested |
| Dun Dilution | Not Tested |
| Silver Dilution | Not Tested |
| Champagne | Not Tested |
| Pearl Dilution | Not Tested |
| Gray | Not Tested |

Genetic Disorders

| | | |
|----------|---------------|---|
| | HYPP | Not Tested |
| | HERDA | Not Tested |
| | GBED | Not Tested |
| | MH | Not Tested |
| X | PSSM 1 | n/n Clear: Negative for the PSSM Type 1 gene mutation. |
| | FIS | Not Tested |
| | JEB1 | Not Tested |
| | JEB2 | Not Tested |
| | CA | Not Tested |
| | LFS | Not Tested |
| | SCID | Not Tested |
| | Hydrocephalus | Not Tested |
| | HWSD | Not Tested |
| | WFFS1 | Not Tested |

Additional Comments

None

Genetic Marker Results

Run Date: Not Tested

| | | | | | | |
|-------|-------|-------|-------|-------|------|---------|
| - | - | - | - | - | - | - |
| AHT4 | AHT5 | ASB17 | ASB2 | ASB23 | AME | CA425UK |
| - | - | - | - | - | - | - |
| HMS3 | HMS6 | HMS7 | HTG10 | HTG4 | LEX3 | LEX33 |
| - | - | - | - | - | - | - |
| VHL20 | UM011 | HMS1 | HMS2 | HTG6 | HTG7 | |

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| Estrade Camille |
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Subject Horse

Date Received: 6/20/2017

| | |
|-------------------------------|----------------------------------|
| Horse Name: Jardineira | Lab Reference #: 00096514 |
| Breed: Lusitano | Registration: 97084387R |
| Phenotype: Grey | Birth: 1997 |
| Sex: Mare | |

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|----------------------------|
| Sire |
| Sire Name: Alenquer |
| Breed: Lusitano |
| Registration: |
| Phenotype: |

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|--------------------------|
| Dam |
| Dam Name: Ciselia |
| Breed: Lusitano |
| Registration: |
| Phenotype: |

Coat Color and Pattern Testing

| | |
|------------------|------------|
| Tobiano | Not Tested |
| Frame Overo | Not Tested |
| Sabino 1 | Not Tested |
| Splashed White 1 | Not Tested |
| Splashed White 2 | Not Tested |
| Splashed White 3 | Not Tested |
| Appaloosa (LP) | Not Tested |
| PATN1 | Not Tested |
| Red/Black Factor | Not Tested |
| Agouti | Not Tested |
| Cream Dilution | Not Tested |
| Dun Dilution | Not Tested |
| Silver Dilution | Not Tested |
| Champagne | Not Tested |
| Pearl Dilution | Not Tested |
| Gray | Not Tested |

Genetic Disorders

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|----------|---------------|------------|--|
| | HYPP | | Not Tested |
| | HERDA | | Not Tested |
| | GBED | | Not Tested |
| | MH | | Not Tested |
| X | PSSM 1 | n/n | Clear: Negative for the PSSM Type 1 gene mutation. |
| | FIS | | Not Tested |
| | JEB1 | | Not Tested |
| | JEB2 | | Not Tested |
| | CA | | Not Tested |
| | LFS | | Not Tested |
| | SCID | | Not Tested |
| | Hydrocephalus | | Not Tested |
| | HWSD | | Not Tested |
| | WFFS1 | | Not Tested |

Additional Comments

None

Genetic Marker Results

Run Date: Not Tested

| | | | | | | |
|-------|-------|-------|-------|-------|------|---------|
| - | - | - | - | - | - | - |
| AHT4 | AHT5 | ASB17 | ASB2 | ASB23 | AME | CA425UK |
| - | - | - | - | - | - | - |
| HMS3 | HMS6 | HMS7 | HTG10 | HTG4 | LEX3 | LEX33 |
| - | - | - | - | - | - | - |
| VHL20 | UM011 | HMS1 | HMS2 | HTG6 | HTG7 | |