# International Andalusian and Lusitano Horse Association

## Purebred Registry




This document certifies that the Stallion born on 04-Jan-09

## *GENERICO II*

Has been entered into the Registry of the International Andalusian and Lusitano Horse Association as a Purebred.

**IALHA Registration Number: 15658(S)**

**Breeder:** Henry Roger Toeback

**Owner:** Hector Rivera
Rivera Andalusians Farm
3713 S. Gunderson
Berwyn, IL 60402

This certificate is issued in reliance on an application submitted and attested to by the applicant horse owner and upon the express condition that the IALHA has the privilege to correct or cancel this certificate for cause under its rules.

**Issued: 20-May-13** Registrar Karen Tausman

**Re-Issued:** President Julie Alonzo

**Sire: LEBRERO XXXII**
No: PRE2130123

- FARAON XLIX — PRE2103508
  - FLAMENCO XVIII — PRE1812183
  - NAVEGANTA VII — PRE1601121
- ENAMORADA XVII — PRE2007724
  - SEMENTAL — PRE1600965
  - JOYERA V — PRE1810869



**Dam: GENOVESA 4**
No: PRE2107184

- FLAMENCO XVIII — PRE1812183
  - YOLISTA III — PRE1701472
  - FLAMENCA XII — PRE1701470
- NAVEGANTA VII — PRE1601121
  - GERMANO — PRE1200102
  - CARABINERA VI — PRE1200608




International Andalusian and Lusitano Horse Association
101 Carnoustie North, Box 200 Birmingham, AL 35242
Phone (205) 995-8900 / Fax (205) 995-8966


ANCCE
MINISTERIO
DE AGRICULTURA PESCA
Y ALIMENTACIÓN
ASOCIACIÓN NACIONAL
de CRIADORES de CABALLOS
de PURA RAZA ESPAÑOLA
DOCUMENTO de ACOMPAÑAMIENTO
GENERICO II
LIBRO GENEALÓGICO del PURA RAZA ESPAÑOLA
Documento redactado conforme a la legislación en vigor
Este documento no constituye un título de propiedad

UNIVERSITY OF CALIFORNIA, DAVIS

BERKELEY • DAVIS • IRVINE • LOS ANGELES • MERCED • RIVERSIDE • SAN DIEGO • SAN FRANCISCO SANTA BARBARA • SANTA CRUZ

VETERINARY GENETICS LABORATORY
SCHOOL OF VETERINARY MEDICINE
ONE SHIELDS AVENUE
DAVIS, CALIFORNIA 95616-8744

TELEPHONE: (530) 752-2211
FAX: (530) 752-3556

# HORSE COAT COLOR TEST RESULTS

HECTOR RIVERA
3713 S.
GUNDERSON
BERWYN, IL 60402

*Case:* **DT33159**
*Date Received:* 18-Mar-2013
*Report Date:* 20-Mar-2013
*Report ID:* 5987-6606-6877-1115
Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html

*Horse:* **GENERICO II** *Reg:* **b-018664**
*DOB:* **01/04/2009** *Breed:* **PRE** *Sex:* **S** *Microchip:* **981098100665570**

*Sire:* LEBRERO XXXII *Reg:*
*Dam:* GENOVESA VI *Reg:*

| | | |
|---|---|---|
| RED FACTOR | **E/E** | No red factor detected. Horse cannot have red foals regardless of the color of mate. Basic color is black, bay or brown in the absence of other modifying genes. |
| AGOUTI | **A/a** | Black pigment distributed in points pattern. Basic color is bay or brown in the absence of other modifying genes. |
| CREAM DILUTION | **N/N** | No evidence for the Cream dilution altered sequence detected. Basic color is sorrel or chestnut, bay or black in the absence of other modifying genes. |
| PEARL DILUTION | **Prl/Prl** | Two copies of the altered sequence detected. On a chestnut base color, a uniform apricot color of body hair, mane and tail will result. |
| SILVER DILUTION | **N/N** | No evidence of the altered sequence detected. |
| LETHAL WHITE OVERO | | Not requested. |
| SABINO 1 | | Not requested. |
| TOBIANO | | Not requested. |
| CHAMPAGNE | **N/N** | No evidence of altered sequence detected. |
| W10 DOMINANT WHITE | | Not requested. |
| SPLASHED WHITE | | Not requested. |
| LEOPARD | | Not requested. |
| GRAY | **N/N** | No copies of the gray gene. Horse will not turn gray. |

Tests for Gray, Leopard/Appalossa and Lethal White Overo are performed under license.

# Horse Coat Color Results with Explanations

## Red Factor

e/e - Only the red factor detected. Basic color is sorrel or chestnut in the absence of other modifying genes.

E/e - Both black and red factors detected. Either E or e transmitted to offspring. Basic color is black, bay or brown in the absence of other modifying genes.

E/E - No red factor detected. Horse cannot have red foals regardless of the color of mate. Basic color is black, bay or brown in the absence of other modifying genes.

## Agouti

A/A - Black pigment distributed in points pattern. Basic color is bay or brown in the absence of other modifying genes.

A/a - Black pigment distributed in points pattern. Basic color is bay or brown in the absence of other modifying genes.

a/a - Only recessive allele detected. Black pigment distributed uniformly. Basic color is black in the absence of other modifying genes.

## Cream

N/N - No evidence for the Cream dilution altered sequence detected. Basic color is sorrel or chestnut, bay or black in the absence of other modifying genes.

N/Cr - Heterozygous, dilute, one copy of Cream gene. Typical colors are palomino, buckskin and smoky black in the absence of other modifying genes.

Cr/Cr - Double dilute (two copies of Cream gene). Typical colors are cremello, perlino and smoky cream in the absence of other modifying genes.

## Pearl

N/N - No evidence of the altered sequence detected.

N/Prl - One copy of the altered sequence detected. If Cream dilution is also present, a pseudo-double Cream dilute phenotype will result.

Prl/Prl - Two copies of the altered sequence detected. On a chestnut base color, a uniform apricot color of body hair, mane and tail will result.

## Tobiano

N/N - No evidence of altered sequence detected. Horse is not Tobiano.

N/TO - One copy of altered sequence. Approximately 50% of the offspring will inherit Tobiano.

TO/TO - Two copies of altered sequence. Horse is homozygous for Tobiano. All offspring will inherit Tobiano.

## Dominant White

N/N - No evidence of altered sequence detected.

N/W10 - One copy of the W10 mutation detected. Horse will display some degree of white spotting but the specific pattern cannot be predicted.

W10/W10 - Two copies of the W10 gene detected.*

* Homozygous W10/W10 horses may not be viable. This result may only be found in aborted fetuses produced in matings between two W10 carriers.

## Leopard / Appaloosa

N/N - No copies of Leopard Complex (Appaloosa) spotting.

LP/N - 1 copy of Leopard Complex mutation, 50% of offspring will inherit the Leopard gene.*

LP/LP - 2 copies of Leopard Complex mutation, all offspring will inherit the Leopard gene.* Horse has congenital stationary night blindness (CSNB).

* Expression of Leopard Complex is variable and white patterning may not be present in all horses that inherit the gene.

## Silver

N/N - No evidence of the altered sequence detected.

N/Z - One copy of the altered sequence detected. Black-based horses will be chocolate with flaxen or lightened mane and tail. Bay-based horses will have lightened black pigment on lower legs, mane and tail. No effect on chestnut color.

Z/Z - Two copies of altered sequence detected. Black-based horses will be chocolate with flaxen or lightened mane and tail. Bay-based horses will have lightened black pigment on lower legs, mane and tail. No effect on chestnut color.

## Lethal White Overo

N/N - No evidence for the altered sequence detected.

N/O - One copy of the altered sequence detected. If bred to another N/O horse, there is a 25% chance of producing a lethal white overo foal. The N/O type has been detected in Paints (including breeding stock), Pintos, Thoroughbreds, Miniatures, Quarter Horses and Tennessee Walking Horses.

O/O - Only the altered sequence in the EDNRB gene detected. This result has only been obtained with samples from lethal white overo foals.

## Sabino 1

N/N - No evidence of altered sequence detected.

N/SB1 - One copy of the Sabino 1 gene detected. Horse typically may have 2 or more white legs, blaze, spots or roaning in the midsection and jagged margins around white areas.

SB1/SB1 - Two copies of the Sabino 1 gene detected. Complete or nearly complete white phenotype expected.

## Champagne

N/N - No evidence of altered sequence detected.

N/Ch - One copy of the altered sequence detected. Chestnut color (red) is diluted to gold, bay to tan with brown points and black to darker tan with brown points.

Ch/Ch - Two copies of the altered sequence detected. All offspring are expected to be Champagne diluted.

## Gray

N/N - No copies of the gray gene. Horse will not turn gray.

N/G - One copy of the gray gene. Horse will turn gray and approximately 50% of offspring will be gray.

G/G - Two copies of the gray gene. Horse will turn gray and all offspring will be gray.

## Splashed White SW-1

N/N - No copies of SW-1 mutation.

N/SW1 - Horse has one copy of the SW-1 mutation.

SW1/SW1 - Horse has two copies of the SW-1 mutation.

## SW-2

N/N - No copies of SW-2 mutation.

N/SW2 - Horse has one copy of the SW-2 mutation.

## SW-3

N/N - No copies of SW-3 mutation.

N/SW3 - Horse has one copy of the SW-3 mutation.

# GENERICO II

ANCCE ANCCE ANCCE — REGISTRO DE REPRODUCTORES

**GENERICO II**
724015090240308 (2009) — LAS MEDRANAS

| | | | |
|---|---|---|---|
| TITULAR (*) ÚLTIMO CONOCIDO | LAS MEDRANAS | | |
| FEC. NACIMIENTO | 01/04/2009 | SEXO | M |
| MICROCHIP | 981098100665570 | ESTADO REPRODUCTIVO | B |
| CAPA LG | ALAZANA | CAPA GENÉTICA | ISABELO |
| DOCUMENTACIÓN | CARTA DE TITULARIDAD | Nº DE HIJOS | 0 |

**LEBRERO XXXII**
190101002130123 (1998)

**GENOVESA VI**
190101002107184 (1994)

**FARAON XLIX**
190101002103506 (1993)

**ENAMORADA XVII**
190101002007724 (1992)

**FLAMENCO XVIII**
190101001812183 (1985)

**NAVEGANTA VII**
190101001601121 (1976)

**FLAMENCO XVIII**
190101001812183 (1985)

**NAVEGANTA VII**
190101001601121 (1976)

**SEMENTAL**
190101001600965 (1976)

**JOYERA V**
190101001810869 (1984)

**YOLISTA III**
190101001701472 (1980)

**FLAMENCA XII**
190101001701470 (1980)

**GERMANO**
190101001200102 (1965)

**CARABINERA VI**
190101001200606 (1966)

**YOLISTA III**
190101001701472 (1980)

**FLAMENCA XII**
190101001701470 (1980)

**GERMANO**
190101001200102 (1965)

**CARABINERA VI**
190101001200606 (1966)

**JENSON**
190101001300091 (1968)

**LEGITIMA II**
190101001300772 (1978)

**TELEGRAMA**
190101001601460 (1977)

**PERLA III**
190101001700943 (1979)

**GANADOR VIII**
190101001600371 (1975)

**YOLA IV**
190101001300491 (1969)

**GANADOR VIII**
190101001600371 (1975)

**ERMITAÑA IV**
190101001600299 (1974)

**JUGLAR**
190101000400066 (1946)

**TABIA**
190101000800404 (1955)

**BARATERO IX**
190101001100012 (1955)

**JEREZANA XXVI**
190101001100207 (1959)

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