

# HEALTH PARAMETERS FOR THE DONKEY

Information taken from  
**The Professional Handbook of the Donkey**  
Published by The Donkey Sanctuary of England.

## Physiological Parameters (TPR):

### Temperature (F.):

average pony 100-101 range  
donkey average 98.8 with 97.2-100 range  
young donkey average 99.6 with 97.8-102.1 range

### Pulse - beats per minute:

pony 36-40  
donkey 44 with 36-68 range  
young donkey 60 with 44-80 range

### Respiration:

pony 10-14 inspirations per minute  
donkey 20 inspirations per minute with 12-44 range  
young donkey 28 inspirations per minute with 16-48 range

## Hematological Parameters:

### White blood count - 10<sup>9</sup>/l:

donkey 10.2 (median), 6.1 (5 percentile), 16.1 (95 percentile).  
young donkey 13.5 (median), 7.8 (5 percentile), 21.9 (95 percentile).

### Neutrophils - %:

donkey 50.5 (median), 28 (5 percentile), 78 (95 percentile).  
young donkey 45 (median), 25 (5 percentile), 71 (95 percentile).

### Neutrophil count - 10<sup>9</sup>/l:

donkey 5.0 (median), 2.2 (5 percentile), 13.3 (95 percentile).  
young donkey 6.3 (median), 3.3 (5 percentile), 14 (95 percentile).

### Lymphocytes - %:

donkey 43 (median), 17 (5 percentile), 65 (95 percentile). young donkey 50 (median), 16 (5 percentile), 67.5 (95 percentile).

### Lymphocyte count - 10<sup>9</sup>/l:

donkey 4.2 (median), 1.8 (5 percentile), 7.8 (95 percentile).  
young donkey 6.2 (median), 2.5 (5 percentile), 14 (95 percentile).

### Eosinophils - %:

donkey 4 (median), 1 (5 percentile), 10 (95 percentile).  
young donkey 2 (median), 0 (5 percentile), 10 (95 percentile).

### Eosinophil count - 10<sup>9</sup>/l:

donkey 0.38 (median), 0.09 (5 percentile), 1.15 (95 percentile).  
young donkey 0.30 (median), 0 (5 percentile), 1.63 (95 percentile).

### Basophils - %:

donkey 0 (median), 0 (5 percentile), 0.08 (95 percentile).  
young donkey 0 (median), 0 (5 percentile), 0 (95 percentile).