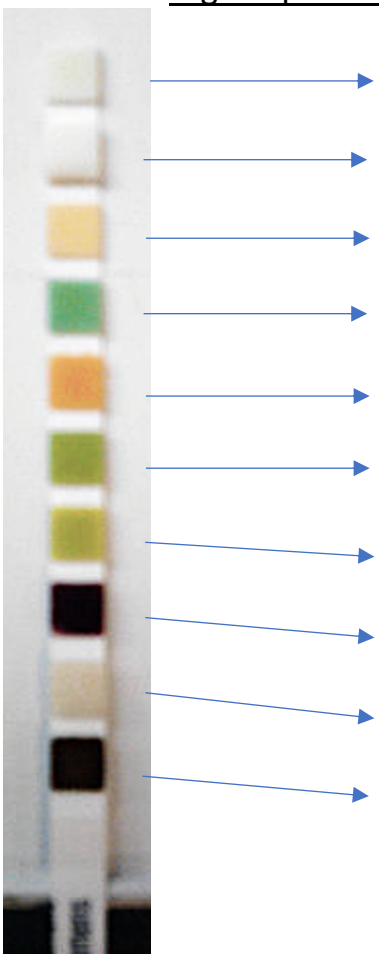
Urinalysis - Answers

This is a urine test for Gigi who is a 10 year old Poodle. She has started becoming hungrier but seems to be getting skinnier, her owner has noticed her drinking lots and she keeps having wee accidents in the house.
Her owner has brought you a urine sample they managed to catch from Gigi this morning for you to test.

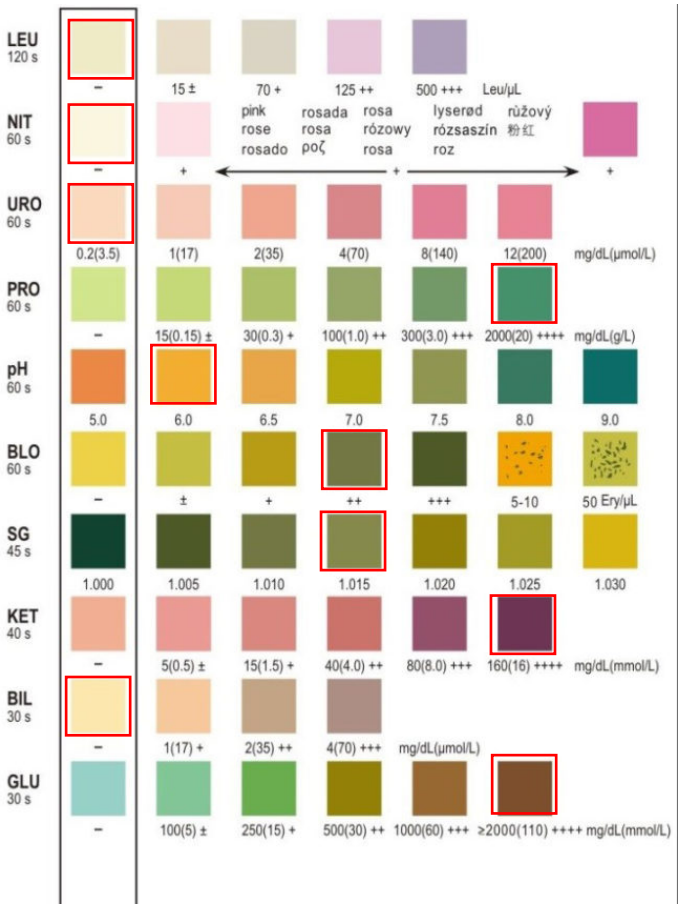
1) Compare each square on Gigi's urine dipstick to the colours on the chart and see if you can write down the results onto the patient's records alternatively just circle the colours on the results chart.
2) Which readings do you think are abnormal? (hint: there should be no white blood cells, protein, blood, ketones or glucose in healthy urine)
3) What diseases do you think Gigi could have? (hint: the glucose result is very important)

(image sources from aconlabs.com & Wikipedia.org)

Gigis Dipstick



Results Chart



Urinalysis Results:

Name: Gigi

Age: 10 years old

Species & Breed: Canine, Poodle

Sex: Female

Urine collection date: (put todays date)

Dipstick results:

LEU (white blood cells)……negative……..

NIT (nitrite)……negative……

URO (urobilinogen)……0.2……..

PRO (protein)……++++……(++ to ++++ are acceptable answers)……..

pH……6.0…. (5-6.5 are acceptable answers)……

BLO (blood)……++……. (+/- to ++ are acceptable answers)…

SG (specific gravity)……1.015…….. (1.010-1.025 are acceptable answers)……..

KET (ketones)……++++……

BIL (bilirubin)……negative……..

GLU (glucose) ……++++……..

…….. = ABNORMAL RESULTS