



deltaDOT Ltd  
 London BioScience Innovation Centre  
 2 Royal College Street  
 London  
 NW1 0NH

Phone: 44 (0)207 691 2075  
 Fax: 44 (0)207 419 5981

**Glomerular Filtration Rate Calculation by Iohexol Clearance**

Date:.....

**Customer Details**

Practice/Company name:..... Vet name:.....

Contact number:..... Email address:.....

Owner's Name..... Animal Name..... Patient no. ....

**Glomerular Filtration Rate**

Type of sample: Feline  Canine

Breed:..... Age: ..... Sex:.....

Medications:.....

Animal Weight (must be accurately weighed on the day of test) .....kg

Exact Volume of Omnipaque™ 300 Administered .....ml

**Please use Omnipaque™ 300 (containing 647mg of Iohexol, equivalent to 300mg Iodine/ml)**

Time of Administered Dose .....to nearest minute  
 2 hour post sample time .....to nearest minute  
 3 hour post sample time .....to nearest minute  
 4 hour post sample time .....to nearest minute

The use of a timer is recommended to ensure accuracy of measurements

**Glomerular Filtration Rate (GFR) by Iohexol clearance:** This is a kidney function test by Iohexol clearance. The analytical method is capillary electrophoresis.

GFR information:

- Can be performed in canine or feline serum
- Patients should be well hydrated and food withheld for 12 hours prior to study

To perform test:

- Accurately administer a single dose of Iohexol at 300mg iodine/kg (I.V.) through an intravenous catheter and then flush well with 0.9% saline. Record the time to the nearest minute.
- Draw a minimum of 1 ml blood at 2 hr, 3 hr and 4 hr after administration (record exact time). Do not draw blood through the catheter, an alternate vein must be used.

Using serum gel tubes, centrifuge the sample after clotting (follow manufacturer's instructions for separation of serum) and transfer each serum sample (200 µl or greater is needed for cats, 500 µl or greater for dogs) to a plastic vial labelled with the exact sampling time, owner's name and animal ID.

Ship at room temperature or chilled to 4°C.

N.B. Hypersensitivity to contrast agents is rare, but can occur.

***Please do not forget to fill in the Case History and Laboratory Results on the second page***

**In order to receive more accurate interpretation, it is necessary to complete the following boxes as thoroughly as possible. Failure to do so may result in results and interpretation being significantly delayed.**

**Reason for GFR testing** (for ex. Suspicion IRIS stage 1 or 2, carboplatin adjustment): .....

**Complete Case History / Current and previous medications (including dose rates):**

.....

**Measurement of water consumption**

Date	Amount	Estimated/Measured	At home/during hospitalisation
.....	.....	.....	.....
.....	.....	.....	.....

**History of plasma creatinine values (+ SDMA if applicable):**

Date	Value	(test laboratory and reference ranges)	SDMA
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....

**Calcium** ( total / ionised: please delete as appropriate)

Date	Value	(test laboratory and reference ranges)
.....	.....	.....
.....	.....	.....

Urine Analysis:

**Dipstick** normal/abnormal

**Urine Specific Gravity** (caution, iohexol can affect USG if measured on the day of the test)

Date	Value	Date	Value
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....

**Urine Protein / Creatinine ratio**

Date	Value	(test laboratory and reference ranges)
.....	.....	.....
.....	.....	.....
.....	.....	.....

**ACTH stimulation test / dexamethasone suppression test / Urinary Cortisol Creatinine Ratio**

Date	Values	(test laboratory and reference ranges)	Interpretation
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....

**Renal and urinary tract ultrasound examination:** (performed by house clinician  visiting specialist  please tick)

.....

**Urine cultures (date and result):**

.....

**Other tests** (for example: biochemistry and Bile Acid test, leptospirosis serology, water restriction test)

.....

Blood pressure		Total / Free T4 / TSH (delete as appropriate)		
Date	Value	Date	Value	(test laboratory and reference ranges)
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....

How did you hear about our service?

**IMPORTANT DISCLAIMER – PLEASE READ**

By accepting our quotation set out on this form to carry out the Iohexol Clearance test (the “Test”) on your behalf, you accept that our liability to you will be limited on the terms of this disclaimer.

We will carry out the Test using reasonable care, and we will pass the results to the Royal Veterinary College (the “RVC”) for their interpretation. We will pass on the RVC’s interpretation to you (together with our results), but will not be responsible for its accuracy or be liable in any other way for its contents.

Our liability to you is limited to taking reasonable care in carrying out the Test. Neither we nor the RVC have seen the animal to which the Test relates and we do not purport to provide a general diagnosis or prognosis for that animal. Neither we nor the RVC will be responsible for any diagnosis, prognosis or advice you may provide to your customer based on the results of the Test.

Except as set out below, we will under no circumstances be liable to you, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any loss of profit, or any indirect or consequential loss arising under or in connection with the provision of the Test. Our total liability to you in respect of all other losses arising under or in connection with the provision of the Test, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the amount charged for the Test. Except as set out in this Disclaimer, all warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from our contract with you.

Nothing in this Disclaimer limits or excludes our liability to you for death or personal injury caused by our negligence, for fraud or fraudulent misrepresentation, or for breach of the terms implied by Section 2 of the Supply of Goods and Services Act 1982.