Dialysis Adequacy KT/V, Fluid

Order Name: **KT/V Fluid**
Test Number: 2017400
Revision Date: 05/03/2021

TEST NAME	METHODOLOGY	LOINC CODE
Creatinine Clearance Dialysis Effluent		
Urea Clearance Dialysis Effluent		

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	**See Instructions**	**Dialysis Effluent and Serum**	**See Instructions**	**Refrigerated**
Alternate 1	**See Instructions**	**Dialysis Effluent and Plasma**	**See Instructions**	**Refrigerated**

Instructions

Collect Both Dialysis Effluent and Serum/Plasma from Patient
10 mL (3.0) Dialysis Effluent Fluid and Serum Collect both: Dialysis Effluent Fluid in Sterile Container -and- Clot Activator SST -or- Lithium Heparin PST (Light Green Top) Storage and Transport: Refrigerated
Serum or Plasma is needed for calculations in clearance results. Blood samples can be collected when Dialysis Effluent Fluid container is returned.
Refrigerate urine during and after collection. Record volume in mL on the specimen container. Include height and weight of patient.
Specimen stability: Ambient 24 hours, Refrigerated 6 days.

GENERAL INFORMATION

Testing Schedule	Mon-Fri
Expected TAT	1-3 Days
Clinical Use	KT/V is an equation used by nephrologists to determine the adequacy of hemodialysis or peritoneal dialysis K – dialyzer clearance of urea T – dialysis time V – volume of distribution of urea, approximately equal to patient's total body water
CPT Code(s)	82575, 84545, 84157
Lab Section	Chemistry