Type of Fluid (Mucinous vs Serous)		CEA	>192	ng/mL	Mucinous Cyst
				O,	
	•		≤192	ng/mL	Serous Cyst
		CA19-9	<37	U/mL	Mucinous Cyst
			≥37	U/mL	Pseudocyst & Serous Cyst
Transudate vs Exudate		Protein	>30	g/L	Exudate
			≤30	g/L	Transudate
		Serum/Plasma Total Protein			
		Protein fluid:serum ratio	≥0.5		Exudate
		LD	>300	U/L	Exudate
		Serum/Plasma LD			
		LD fluid:serum ratio	≥0.6		Exudate
Malignancy		Appearance	Turbid		Likely Infectious or Malignancy
			Blood-streaked cloudy		Likely malignancy or Tuberculosis
		CEA	>5µg/L		Malignant Pericardial Effusion
Chylopericardium		Triglyceride	>Plasma level	mmol/L	Chylopericardium
Portal Hypertension		Albumin			
••		Serum/Plasma Albumin			
		Serum-fluid Albumin difference	>11	g/L	Portal Hypertension
Infectious/Tuberculosis		Appearance	Turbid	-	Likely Infectious or Malignancy
·			Blood-streaked cloudy		Likely malignancy or Tuberculosis
Cardiac rupture/puncture		Appearance	Bloody		Cardiac rupture/puncture
			Clear or Straw colored		Uremic renal failure
				g/I	Exudate
Transdate to Exadete					Transudate
Spontaneous bacterial peritonitis					High risk of spontaneous bacterial peritonitis
Spontaneous succental peritorius		rotem			Low risk of spontaneous bacterial peritoritis
		Serum/Plasma LD		6/ -	20 William Sportaineous successus personals
			> upper limit of serum reference interval		High risk of secondary bacterial peritonitis
				mmol/L	High risk of spontaneous bacterial peritonitis
Ascites (Liver, Nephrotic, Cardiac, Chylous)					Nephrotic & liver Ascites
rissines (Errer, riepinistic) survivas,		. rote		_	Cardiac Ascites
		Triglyceride		_	Likelihood of Chylous Ascites
		• ,			Likelihood of Chylous Ascites
		= -		g/L	Nephrotic Ascites
Bile leakage	<del> </del>			01 <b>-</b>	-р
			≥serum level	mmo/I	Bile leakage
Pancreatic Extravasation	1				
. G Cattle Extravalation			≥serum level	U/L	Pancreatic Extravasation
Urine Extravasation	<del>-  </del>				
OTHIC EXCLUSION			111 001	μποι/ Ε	OTHIC EXCLUSION
			>1.0		Urine Extravasation
Transudate vs Exudate	1			g/I	Exudate
Transducte VS Extudice		Totalii			Transudate
		Protein fluid serum ratio		8/ ┗	Exudate
					Exudate
					Exudate
		LD Hala.3Claill lado	20.0		LAUGUIC
		Cholesterol	>1 16	mmol/I	Evudate
	Chylopericardium Portal Hypertension	Chylopericardium Portal Hypertension  Infectious/Tuberculosis  Cardiac rupture/puncture Uremic renal failure Transudate vs Exudate  Spontaneous bacterial peritonitis  Ascites (Liver, Nephrotic, Cardiac, Chylous)  Bile leakage  Pancreatic Extravasation  Urine Extravasation	LD Serum/Plasma LD LD fluid:serum ratio  Malignancy Appearance  CEA  Chylopericardium Triglyceride Portal Hypertension Albumin Serum/Plasma Albumin Serum/Plasma Albumin Serum-fluid Albumin difference  Infectious/Tuberculosis Appearance  Uremic renal failure Appearance Transudate vs Exudate Transudate vs Exudate Frotein (Fluid Protien is superior to Albumin) Spontaneous bacterial peritonitis Protein Serum/Plasma LD LD Glucose  Ascites (Liver, Nephrotic, Cardiac, Chylous)  Frotein  Triglyceride Fluid-SerumTriglyceride ratio Serum/Plasma Total Bilirubin Bilirubin Bilirubin Bilirubin Bilirubin Serum/Plasma Total Bilirubin Bilirubin Bilirubin Serum/Plasma Total Bilirubin Bilirubin Serum/Plasma Total Bilirubin Bilirubin Serum/Plasma Total Bilirubin Bilirubin Serum/Plasma Total Bilirubin Bilirubin Bilirubin Serum/Plasma Total Bilirubin Bilir	LD   Serum/Plasma LD   LD fluidserum ratio   ≥0.6	D.   D.   D.   D.   D.   D.   D.   D.

<b>Anatomical Location</b>	Common Clinical Conditions	Uncommon Conditions	Test	Result	Units	Interpretation
Pleural Fluid	Transudate vs Exudate		Glucose	<3.33	mmo/L	Exudate of certain etiologies
			Creatinine	177 - 884	μmol/L	Pleural Effusion
				>1.0		Pleural fluid creatinine: serum ratio
	Chylothorax		Cholesterol	>5.2	mmol/L	Pseudochylous
			Triglyceride	>1.2	mmol/L	Chylous
				0.56 - 1.2	mmo/L	Indeterminate
	Pancreatitis origin of Pleural Fluid		Lipase	>10,000	u/L	Associated with Pancrititis
Synovial Fluid	Normal vs Abnormal Accumulation		Glucose	<0.55	mmol/L	Normal
			Lactic Acid	<2.8	mmol/L	Normal
			Uric Acid	<0.45	mmol/L	Normal Males
				<0.39	mmol/L	Normal Females
			Cholesterol	<65% of Plasma Level	mmol/L	Normal
			Triglyceride	<40% of Plasma Level	mmol/L	Normal
			Protein	<30	g/L	Normal
	Infectious		Glucose	1.11 - 5.55	mmol/L	Infectious
	Inflammatory		Glucose	0 - 2.22	mmol/L	Inflammatory Joint disorder
	Non-inflammatory hemorrhagic joint disorders			0.55 - 1.11	mmol/L	Non-inflammatory hemorrhagic joint disorders
	Crystal Induced		Glucose	0 - 4.44	mmol/L	Crystal Induced
	Bacterial Arthritis		Lactic Acid	>9	mmol/L	Suggestive of Bacterial Arthritis
	Inflammatory Activity		LD	>750	U/L	High Inflammatory Activity
	Efficiency of Peritoneal Dialysis. The test results are					No reference intervals established. Results are intended
	meant to be input into the PET equation/software in					for input into the PET testing equations and are not to be
Peritoneal Dialysis Fluid the clinic.	the clinic.		Sodium			used in isolation
						No reference intervals established. Results are intended
						for input into the PET testing equations and are not to be
			Glucose			used in isolation
						No reference intervals established. Results are intended
						for input into the PET testing equations and are not to be
			Phosphate			used in isolation
						No reference intervals established. Results are intended
						for input into the PET testing equations and are not to be
			Total Protein			used in isolation
						No reference intervals established. Results are intended
						for input into the PET testing equations and are not to be
			Urea			used in isolation
						No reference intervals established. Results are intended
						for input into the PET testing equations and are not to be
			Creatinine			used in isolation