List of the analysis request (ReCCS)

2022/1/15

(What analysis ReCCS can do? How much is the measurement test fee? etc.)

【ReCCS provide you these analysis services as follows; 】

(1) Comparison of measured values of routine method and reference measurement procedure in biological standard sample.
(2) Measurement of one's own calibrators, product calibrators and product controls.
(3) Determination of target value for external quality control. etc.

【 Measurement Methods 】

Higher level reference measurement prodedure in measurement traceability system of clinical examination.

【 Analysis test term from order request 】

about 2 weeks to 3 weeks

【 Measurement items 】

As shown in the table below. Please contact [cont@reccs.net] for items not listed in the table.

No.	Items	Measurement Contents	Measurement Methods	Measurement Fee(JPY)※1	Remarks
1	Sodium (Na)	Quantitative analyses of sodium in serum(or plasma)	Frame Photometry method	1～10 sample： ¥380,000	Using JCCRM 111 which quantified Sodium by IEG method which is standard method, available to provide the value of SI traceable measurement.
2		Quantitative analyses of sodium in aqueous solution	Frame Photometry method	1～10 sample： ¥300,000	Depending on the composition of the aqueous solution (buffer substance, glycerol etc.), we may conduct preliminary tests.
3	Potassium (K)	Quantitative analyses of potassium in serum(or plasma)	Frame Photometry method	1～10 sample： ¥380,000	Using JCCRM 111 which quantified Potassium by ID/MS method which is standard method, available to provide the value of SI traceable measurement.
4		Quantitative analyses of potasium in aqueous solution	Frame Photometry method	1～10 sample： ¥300,000	Depending on the composition of the aqueous solution (buffer substance, glycerol etc.), we may conduct preliminary tests.
5	Chlor (Cl)	Quantitative analyses of Chlor in serum(or plasma)	Coulometric Titration method	1～6 sample： ¥380,000	Use JCCRM 111 which quantified Chlor by coulomaetric titration and ion-chromatgaraphic basically.
6		Quantitative analyses of Chlor in aqueous solution	Coulometric Titration method	1～6 sample： ¥300,000	Depending on the composition of the aqueous solution (buffer substance, glycerol etc.), we may conduct preliminary tests

No.	Items	Measurement Contents	Measurement Methods	Measurement Fee(JPY)※1	Remarks
7	Total Cholesterol (TC)	Quantitative analyses of total cholesterol in serum(or plasma)	ID/MS method	1～3 sample： ¥890,000 4～10 sample： ¥1,070,000	Provide SI traceable value by isotope dilution mass spectrometry method.
8			CDC reference method	1～10 sample： ¥700,000	Measurement value using reference method by Centers for Disease Control and Prevention.
9	HDL Cholesterol (HDL-C)	Quantitative analyses of HDL cholesterol in serum(or plasma)	CDC reference method	1～10 sample：¥950,000	Measurement value using reference method by Centers for Disease Control and Prevention.
10	LDL Cholesterol (LDL-C)	Quantitative analyses of LDL cholesterol in serum(or plasma)	CDC reference method Beta Quantification	1～10 sample： ¥980,000	Measurement value using reference method by Centers for Disease Control and Prevention.
11	Total Glycerides (TG)	Quantitative analyses of total glycerides in serum(or plasma)	ID/MS method	1～3 sample： ¥890,000 4～10 sample： ¥1,070,000	Values as triglyceride in Japan correspond to total glycerides minus free glycerol. Measuring both items, we can measure the value of ID/MS measurement value of triglyceride.
12	Free Glycerol (FG)	Quantitative analyses of free glycerol in serum(or plasma)	ID/MS method	1～3 sample： ¥810,000 4～10 sample： ¥930,000	
13	Triglyceride (TG)	Quantitative analyses of triglyceride in serum(or plasma)	JSCC method	1～10 sample： ¥500,000	Provide the value of total glycerides excluding free glycerol.
14	HbA1c	HbA1c % (NGSP value) in blood	KO500 method (JSCC Comparison method)	1～10 sample： ¥400,000 11～20 sample： ¥450,000	ReCCS is NGSP HbA1c Primary Reference Laboratory (APRL) and Secondary Reference Laboratory (ASRL#1).
15		HbA1c % (IFCCvalue) in blood	IFCC reference method	1～5 sample： ¥820,000 6～10 sample： ¥1,040,000	ReCCS is specified as Reference Laboratory of IFCC laboratory network.
16	Total Hemoglobin	Quantitative analyses of total hemoglobin in serum(or plasma)	ICSH method	1～10 sample： ¥660,000	Measured by ICSH method of International reference measurement procedures method.
17	Glucose	Quantitative analyses of glucose in serum(or plasma)	ID/MS method	1～3 sample： ¥820,000 4～10 sample： ¥940,000	Provide SI traceable value by isotope dilution mass spectrometry method.
18			JSCC method	1～10 sample： ¥500,000	Measured by protein extraction-enzymatic method.

No.	Items	Measurement Contents	Measurement Methods	Measurement Fee(JPY)※1	Remarks
19	Glycated Albumin (GA)	Quantitative analyses of glycated albuminl in serum(or plasma)	ID/MS method	1～4 sample： ¥1,550,000 5～10 sample： ¥2,150,000	Provide SI traceable value by isotope dilution mass spectrometry method
20	Albumin	Quantitative analyses of albumin in serum(or plasma)	HPLC Post-Column BCG Spectrometry method	1～10 sample： ¥550,000	
21	Creatinine	Quantitative analyses of creatinine in serum(or plasma)	ID/MS method	1～3 sample： ¥810,000 4～10 sample： ¥930,000	Provide SI traceable value by isotope dilution mass spectrometry method.
22	Urea	Quantitative analyses of urea in serum(or plasma)	AACC method	1～10 sample： ¥500,000	Measured by protein extraction-enzymatic method.
23	Uric Acid	Quantitative analyses of uric acid in serum(or plasma)	HPLC method	1～10 sample： ¥500,000	Measured by protein extraction-HPLC method.
24	pH, pCO_2, pO_2	Quantitative analyses of pH, pCO_2, pO_2 in serum(or plasma) or aqueous solution	pH： pH Electrode pCO2, pO2：Standard Tonometry Method	1～10 sample： ¥450,000	pH: Measured by the pH electrode method according to the IFCC practical basis method. pCO2 and pO2: Measured by the standard tonometry method of the IFCC practical basis method.
25	Serum Iron (Fe)	Quantitative analyses of serum iron in serum(or plasma)	ICSH method, Standard Addition method	1～10 sample： ¥660,000	
26	Inorganic Phosphorus (IP)	Quantitative analyses of inorganic phosphorus in serum(or plasma)	Ion-Chrromatgraphic method	1～10 sample： ¥450,000	

※1. More than 11 samples will be estimated separately. Also, depending on the content of analysis, we may change the price.

【How to order the mesurement service?】
*Application Form is available to download. Please fill in the required fields and e-mail this to cont@reccs.net.
ReCCS web. site＞measurement service（http://www.reccs.or.jp/request/）>Application Form for Measurement Service