Electronic Case Report Form

PROTOCOL	2021년 7월 교육실습			
STUDY TITLE	2021년 7월 교육실습 (이송영)			

SITE	-
책임 연구자	_
CRF Version	1.00
CRF Effective	-
스크리닝 번호	_
배정 번호	-
이니셜	-

	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
SCHEDULE	2021년 7월 교육실 습				

	Enrollme nt	V1	V2	V3	V4	V5	UV1	All
Enrollme nt								
Visit								
Demogra phics								
Medical History								
Vital Signs								
Local Laborato ry Test								
Pregnanc y Test								
Inclusion/ Exclusion Criteria								
Randomi zation								
IP Prescripti on								
Adverse Event								
Prior and Concomi tant Medicati ons								
Dispositi on								
Principal Investigat or's Signature								

Enrollment	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Enrollment	2021년 7월 교육실 습				
전자서명					

Enrollment	
Date of informed consent	EN.ICDTC (C10)
Screening No.	EN.SUBJID (C6)

V1	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Visit	2021년 7월 교육실 습				
전자서명					

Visit	
Visit date	SV.SVDTC (C10)

V1	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Demographics	2021년 7월 교육실 습				
전자서명					

Demographics	
Birth date	DM.BRTHDTC (C10)
Age	DM.AGE (N2) 만 _ Years
Sex	DM.SEX (N2) [1] Male [2] Female
Alcohol	DM.ALCOHOL (N2) [1] O Yes [2] O No

V1	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Medical History	2021년 7월 교육실 습				
전자서명					

Medical History						
ND		[1] □ ND	MY.MI	HND (N1)		
No	Medical h	istory term	Ongoing	End date	Administration ofr medication	
MH.SEQ (N2) 1	MH.MHTER	RM (C255)	MH.MHONGO (N2) [1] O Yes [2] O No	MH.MHENDTC (C10)	MH.MHCONTRT (N2) [1] O Yes [2] O No	

V1	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Vital Signs	2021년 7월 교육실 습				
전자서명					

Vital Signs				
ND	VS.VSND (N1)			
Height	CM			
Weight	VS.WEIGHT (N3.1) kg			
Systolic blood pressure	wmHg			
Diastolic blood pressure	mmHg			
Pulse rate	beats/min			
Respiratory rate	breaths/min			
Temperature	℃			
If there are any newly noted clinically significant abnormal result since the last Visit, please specify the details on the [Adverse Event] page				

V1	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Local Laboratory Test	2021년 7월 교육실 습				
전자서명					

Local Laboratory Test	
ND	LY.LBND (N1)
Collection date	LY.LBDTC (C10)
*If there are any clinically page.	significant abnormal result, please specify the details on the [Adverse Event]

Hematology			
Test Name	Result	Normality	Clinically Significant
LB.LBTEST (C50) Erythrocytes	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] ○ Normal [2] ○ Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS
LB.LBTEST (C50) Hemoglobin	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] O Normal [2] O Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS
LB.LBTEST (C50) Hematocrit	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] O Normal [2] O Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS
LB.LBTEST (C50) Platelets	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] O Normal [2] O Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS
LB.LBTEST (C50) Leukocytes	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] O Normal [2] O Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS

V1	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Pregnancy Test	2021년 7월 교육실 습				
전자서명					

Pregnancy Test	Pregnancy Test				
Was the pregnancy test performed?	PG.PGYN (N2) [1] ○ Yes [2] ○ No				
Collection date	PG.PGDTC (C10)				
Result	PG.PGORRES (N2) [1] O Positive [2] O Negative				

V1	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Inclusion/Exclusion Criteria	2021년 7월 교육실 습				
전자서명					

Inclusion/Exclusion Criter	ia
Is the Subject eligible to participate in this clinical trial due to having satisfied all eligibility criteria?	IE.IEYN (N2) [1] ○ Yes [2] ○ No
Date of screening failure	IE.IEDTC (C10)
Reason of screening failure	IE.IEREAS (N2) [1] ○ Inclusion/Exclusion criteria not met → Specify below [2] ○ Subject's consent withdrawal [3] ○ Other → Specify below
Specify the reason of screening failure	IE.IEREASCO (C255)

Inclusion Criteria

- 1. Subject who is outpatient, either male or female, aged between 19 and 74 years old, inclusive.
- 2. Subject who has a Hemoglobin A1c (HbA1c) value between 7.0% and 9.0% at Visit 1.
- 3. Subject who has estimated glomerular filtration rate (eGFR) \geq 45mL/min/1.73m^2.
- 4. Subject who has systolic blood pressure value at Visit 1.
- a) Treated with antihypertensive drugs: systolic blood pressure < 180 mmHg
- b) non-treated: 140mmHg ≤ systolic blood pressure < 180mmHg

Exclusion Criteria

- 1. Subject who has been diagnosed with type 1 diabetes mellitus.
- 2. Subject has aspartate aminotransferase (AST) or alanine aminotransferase (ALT) value exceeding 3 times of upper limit of the normal range, or bilirubin value exceeding 3 times of upper limit of the normal range at Visit 1.
- 3. Female subject of childbearing potential, who is not at least one year post-menopausalor is not surgically sterile, has positive for the pregnancy test (urine or serum) at Visit 1 or is not willing to use appropriate contraception during the study. Female subject is hoping to become pregnant or is currently pregnant or breast-feeding.

V1	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Inclusion/Exclusion Criteria	2021년 7월 교육실 습				
전자서명					

- 4. Subject who has a history of clinically significant acute artery disease(s) within 3 months prior to date of Visit 1.
- 5. Subject who has a history of heart failure or arrhythmia within 6 months prior to date of Visit 1.
- 6. Subject with secondary dyslipidemia or iatrogenic dyslipidemia at Visit 1.
- 7. Subject who has a history of malignant tumor

V1	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
IP Prescription	2021년 7월 교육실 습				
전자서명					

IP Prescription	IP Prescription				
Is the IP prescribed?	IP.IPYN (N2) [1] ○ Yes [2] ○ No				
Date of prescription [Click SAVE the bottom of the page to allocate IP]	IP.IPDTC (C10)				
IP_CODE [Click SAVE the bottom of the page to allocate IP]	IP.IPCODE (C10)				

V2	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Visit	2021년 7월 교육실 습				
전자서명					

Visit	
Visit date	SV.SVDTC (C10)

V2	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Vital Signs	2021년 7월 교육실 습				
전자서명					

Vital Signs				
ND	VS.VSND (N1) [1] \square ND			
Weight	VS.WEIGHT (N3.1)			
Systolic blood pressure	VS.SYSBP (N3) — mmHg			
Diastolic blood pressure	VS.DIABP (N3) — mmHg			
Pulse rate	beats/min			
Respiratory rate	breaths/min			
Temperature	℃			
If there are any newly noted clinically significant abnormal result since the last Visit, please specify the details on the [Adverse Event] page				

V2	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Local Laboratory Test	2021년 7월 교육실 습				
전자서명					

Local Laboratory Test					
ND	LY.LBND (N1)				
Collection date	LY.LBDTC (C10)				
*If there are any newly noted abnormal result since the last Visit, please specify the details on the [Adverse Event] page					

Hematology				
Test Name	Test Name Result		Clinically Significant	
LB.LBTEST (C50) Erythrocytes	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] ○ Normal [2] ○ Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS	
LB.LBTEST (C50) Hemoglobin	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] O Normal [2] O Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS	
LB.LBTEST (C50) Hematocrit	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] O Normal [2] O Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS	
LB.LBTEST (C50) Platelets	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] O Normal [2] O Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS	
LB.LBTEST (C50) Leukocytes	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] O Normal [2] O Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS	

V2	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Pregnancy Test	2021년 7월 교육실 습				
전자서명					

Pregnancy Test	Pregnancy Test						
Was the pregnancy test performed?	PG.PGYN (N2) [1] ○ Yes [2] ○ No						
Collection date	PG.PGDTC (C10)						
Result	PG.PGORRES (N2) [1] O Positive [2] O Negative						

V2	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Randomization	2021년 7월 교육실 습				
전자서명					

Randomization						
Is patient randomized?	RN,RNYN (N2) [1] O Yes [2] O No					
AStrata	RN.RNSRATA (N2) [1] O 1 [2] O 2					
Randomization No.	RN.RNNO (C10)					

V2	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
IP Prescription	2021년 7월 교육실 습				
전자서명					

IP Prescription					
Is the IP prescribed?	IP.IPYN (N2) [1] ○ Yes [2] ○ No				
Date of prescription [Click SAVE the bottom of the page to allocate IP]	IP.IPDTC (C10)				
IP_CODE [Click SAVE the bottom of the page to allocate IP]	IP.IPCODE (C10)				

V3	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Visit	2021년 7월 교육실 습				
전자서명					

Visit	
Visit date	

V3	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Vital Signs	2021년 7월 교육실 습				
전자서명					

Vital Signs				
ND	VS.VSND (N1) [1] \square ND			
Weight	VS.WEIGHT (N3.1)			
Systolic blood pressure	VS.SYSBP (N3) — mmHg			
Diastolic blood pressure	VS.DIABP (N3) — mmHg			
Pulse rate	beats/min			
Respiratory rate	breaths/min			
Temperature	℃			
If there are any newly noted clinically significant abnormal result since the last Visit, please specify the details on the [Adverse Event] page				

V3	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Pregnancy Test	2021년 7월 교육실 습				
전자서명					

Pregnancy Test				
Was the pregnancy test performed?	PG.PGYN (N2) [1] O Yes [2] O No			
Collection date	PG.PGDTC (C10)			
Result	PG.PGORRES (N2) [1] O Positive [2] O Negative			

V3	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
IP Prescription	2021년 7월 교육실 습				
전자서명					

IP Prescription				
Is the IP prescribed?	IP.IPYN (N2) [1] ○ Yes [2] ○ No			
Date of prescription [Click SAVE the bottom of the page to allocate IP]	IP.IPDTC (C10)			
IP_CODE [Click SAVE the bottom of the page to allocate IP]	IP.IPCODE (C10)			

V4	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Visit	2021년 7월 교육실 습				
전자서명					

Visit	
Visit date	SV.SVDTC (C10)

V4	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Vital Signs	2021년 7월 교육실 습				
전자서명					

Vital Signs				
ND	VS.VSND (N1)			
Weight	VS.WEIGHT (N3.1) kg			
Systolic blood pressure	VS.SYSBP (N3) — mmHg			
Diastolic blood pressure	VS.DIABP (N3) — mmHg			
Pulse rate	beats/min			
Respiratory rate	breaths/min			
Temperature	℃			
If there are any newly noted clinically significant abnormal result since the last Visit, please specify the details on the [Adverse Event] page				

V4	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
IP Prescription	2021년 7월 교육실 습				
전자서명					

IP Prescription					
Is the IP prescribed?	IP.IPYN (N2) [1] ○ Yes [2] ○ No				
Date of prescription [Click SAVE the bottom of the page to allocate IP]	IP.IPDTC (C10)				
IP_CODE [Click SAVE the bottom of the page to allocate IP]	IP.IPCODE (C10)				

V5	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Visit	2021년 7월 교육실 습				
전자서명					

Visit	
Visit date	SV.SVDTC (C10)

V5	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Vital Signs	2021년 7월 교육실 습				
전자서명					

Vital Signs				
ND	VS.VSND (N1) [1] \square ND			
Weight	VS.WEIGHT (N3.1)			
Systolic blood pressure	VS.SYSBP (N3) — mmHg			
Diastolic blood pressure	VS.DIABP (N3) — mmHg			
Pulse rate	beats/min			
Respiratory rate	breaths/min			
Temperature	℃			
If there are any newly noted clinically significant abnormal result since the last Visit, please specify the details on the [Adverse Event] page				

V5	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
IP Prescription	2021년 7월 교육실 습				
전자서명					

IP Prescription					
Is the IP prescribed?	IP.IPYN (N2) [1] ○ Yes [2] ○ No				
Date of prescription [Click SAVE the bottom of the page to allocate IP]	IP.IPDTC (C10)				
IP_CODE [Click SAVE the bottom of the page to allocate IP]	IP.IPCODE (C10)				

UV1	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Visit	2021년 7월 교육실 습				
전자서명					

Visit	
Visit date	SV.SVDTC (C10)
Reason for unscheduled visit	SV.SVUVREAS (N2) [1] ○ Adverse event [2] ○ Others → Specify below
Others, specify	SV.SVUVRECO (C10)

UV1	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Vital Signs	2021년 7월 교육실 습				
전자서명					

Vital Signs		
ND	VS.VSND (N1)	
Weight	VS.WEIGHT (N3.1) kg	
Systolic blood pressure	VS.SYSBP (N3) — mmHg	
Diastolic blood pressure	VS.DIABP (N3) — mmHg	
Pulse rate	beats/min	
Respiratory rate	breaths/min	
Temperature	℃	
If there are any newly noted clinically significant abnormal result since the last Visit, please specify the details on the [Adverse Event] page		

UV1	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Local Laboratory Test	2021년 7월 교육실 습				
전자서명					

Local Laboratory Test	
ND	LY.LBND (N1)
Collection date	LY.LBDTC (C10)
*If there are any newly no [Adverse Event] page	oted abnormal result since the last Visit, please specify the details on the

Hematology			
Test Name	Result	Normality	Clinically Significant
LB.LBTEST (C50) Erythrocytes	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] ○ Normal [2] ○ Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS
LB.LBTEST (C50) Hemoglobin	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] O Normal [2] O Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS
LB.LBTEST (C50) Hematocrit	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] O Normal [2] O Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS
LB.LBTEST (C50) Platelets	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] O Normal [2] O Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS
LB.LBTEST (C50) Leukocytes	LB.LBORRES (N4.3)	LB.LBNOR (N2) [1] O Normal [2] O Abnormal	LB.LBCLSIG (N2) [1] O NCS [2] O CS

Adverse Event	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Adverse Event	2021년 7월 교육실 습				
전자서명					

Adv	Adverse Event						
ND		AY, AEND (N1)					
Rec	Record all adverse events noted from Visit 1 to study completion.						
Li n		Start date	Outcome	End date	SAE		
e N u m b	Adverse Event	Severity	Relationship to study treatment	Action taken with study treatement	Other action taken		
A E. S E	AE.AETERM (C255)	AE.AESTDTC (C10)	AE.AEOUT (N2) ——▼	AE.AEENDDTC (C10)			
Q (N 2) 1		AE.AESEV (N2)▼		AE.AEACN (N2)▼	AE.AEACNOTH (N2)		
Out	AE.AEOU Come	T (N2)	[1] Fatal , [2] Not recovered , [3] Recovered/Resolved , [4] Recovered/Resolved with sequelae , [5] Recovering/Resolving , [6] Unknown				
SAE	AE.AESE	R (N2)	[1] No , [2] Death , [3] Hospitalization , [4] Life threatening , [5] Congenital anomaly or birth defect , [6] Significant disability , [7] Other medically important event				
AE.AESEV (N2) Severity		[1] Mild , [2] Moderate , [3] Severe					
AE.AEREL (N2) Relationship to study treatment		[1] Not related , [2] Unlikely related , [3] Possibly related , [4] Related					
Action taken with study treatement		[1] Dose increased , [2] Dose not changed , [3] Dose reduced , [4] Drug interrupted , [5] Drug withdrawn , [6] Not applicable , [7] Unknown					
AE.AEACNOTH (N2) Other action taken			[1] None , [2] Drug treatment , [3] Non-drug treatment , [4] Drug and non-drug treatment				

Prior and Concomitant Medications	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Prior and Concomitant Medications	2021년 7월 교육실 습				
전자서명					

Prior and Concomitant Medications							
ND	[1] □ ND	CY.CMND (N1)					
Please record all me	dications within 4 we	eeks prior to Visit 1 exc	ept for IP.				
Line Number	Medication or therapy	Total daily dose	Dose Unit	Route			
	Start date	Ongoing	End date	Indication			
	CM.CMTRT (C255)	CM.CMDOSTOT (N5.3)	CM,CMDOSU (C255)	CM.CMROUTE (C255)			
CM.SEQ (N2)	CM.CMSTDTC (C10)	CM.CMONGO (N1)	CM.CMENDTC (C10)	CM.CMINDC (N1) CM.CMINDCMH (C255) CM.CMINDCAE (C255) CM.CMINDCO (C255)			
CM.CMINDC (N1) Indication		[1] Medical history , [2] A	Adverse event , [3] Other				
CM.CMINDCMH (C255) Medical history							
CM.CMINDCAE (C255) Adverse event							

Prior and Concomitant Medications	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Prior and Concomitant Medications	2021년 7월 교육실 습				
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	CM.CMINDCO (C255)
Other	

Disposition	PROTOCOL	SITE	SCREENING NO.	ENROLLMENT NO.	INITIAL
Disposition	2021년 7월 교육실 습				
전자서명					

Disposition	
What was the subject's status?	DS.DSDECOD (N2) [1] ○ Completed [2] ○ Withdrawal
What was the date of study completed/withdrawal?	
Reason for withdrawal	DS.DSREAS (N2) [1] ○ Failure to meet randomization criteria → Specify below [2] ○ Withdrawal by subject [3] ○ Lost to follow-up [4] ○ Adverse event [5] ○ Others → Specify below
Comment	DS.DSREASO (C255)

Signature						
Principal Investigator's Signature	2021년 7월 교육실 습					
전자서명						
Principal Investigator's Signature						
Investigator's Si	gnature	SN.SNNAME (C10)				
Signature Date		SN.SNDTC (C30)				

SCREENING NO.

ENROLLMENT NO.

INITIAL

SITE

Principal Investigator's

PROTOCOL