

Tabulation Datasets for Study PC201904 (SEND-IG 3.0)

Dataset	Description	Class	Structure	Purpose	Keys	Location	Documentation
TA	Trial Arms	TRIAL DESIGN	One record per planned Element per Arm	Tabulation	STUDYID, ARMCD, TAETORD	ta.xpt	
TE	Trial Elements	TRIAL DESIGN	One record per planned element	Tabulation	STUDYID, ETCD	te.xpt	
TS	Trial Summary	TRIAL DESIGN	One record per Trial Summary parameter value	Tabulation	STUDYID, TSSEQ, TSPARMCD	ts.xpt	
TX	Trial Sets	TRIAL DESIGN	One record per Trial Set parameter per Trial Set	Tabulation	STUDYID, SETCD, TXPARMCD	tx.xpt	
CO	Comments	SPECIAL PURPOSE	One record per comment	Tabulation	STUDYID, COSEQ	co.xpt	
DM	Demographics	SPECIAL PURPOSE	One record per subject	Tabulation	STUDYID, USUBJID	dm.xpt	
SE	Subject Elements	SPECIAL PURPOSE	One record per element experienced per subject	Tabulation	STUDYID, USUBJID, ETCD, SESTDTC	se.xpt	
EX	Exposure	INTERVENTIONS	One record per constant dosing interval per treatment per subject or pool	Tabulation	STUDYID, USUBJID, EXTRT, EXSTDTC	ex.xpt	
DS	Disposition	EVENTS	One record per subject	Tabulation	STUDYID, USUBJID	ds.xpt	
BG	Body Weight Gains	FINDINGS	One record per test per interval per subject	Tabulation	STUDYID, USUBJID, BGTESTCD, BGDTC, BGENDTC	bg.xpt	
BW	Body Weights	FINDINGS	One record per test per observation time per subject	Tabulation	STUDYID, USUBJID, BWTESTCD, BWDTC	bw.xpt	
CL	Clinical Observations	FINDINGS	One record per finding per observation time per subject or pool	Tabulation	STUDYID, USUBJID, CLTESTCD, CLCAT, CLORRES, CLLOC, CLDTC	cl.xpt	
DD	Death Diagnosis	FINDINGS	One record per diagnosis per subject (for unscheduled deaths only)	Tabulation	STUDYID, USUBJID	dd.xpt	
EG	ECG Test Results	FINDINGS	One record per test per observation time per subject	Tabulation	STUDYID, USUBJID, EGTESTCD, EGDTC	eg.xpt	
FW	Food and Water Consumption	FINDINGS	One record per test per interval per subject or pool	Tabulation	STUDYID, USUBJID, FWTESTCD, FWDTC, FWENDTC	fw.xpt	
LB	Laboratory Tests Results	FINDINGS	One record per test per specimen per observation time per subject or pool	Tabulation	STUDYID, USUBJID, LBTESTCD, LBSPEC, LBDTC	lb.xpt	
MA	Macroscopic Findings	FINDINGS	One record per finding per specimen per subject	Tabulation	STUDYID, USUBJID, MATTESTCD, MAORRES, MASPEC, MAANTREG, MALAT	ma.xpt	
MI	Microscopic Findings	FINDINGS	One record per finding per specimen per subject	Tabulation	STUDYID, USUBJID, MITESTCD, MISTRESC, MISPEC, MIANTREG, MILAT, MIDIR	mi.xpt	
OM	Organ Measurements	FINDINGS	One record per test per specimen per subject	Tabulation	STUDYID, USUBJID, OMTESTCD, OMSPEC	om.xpt	
PC	Pharmacokinetics Concentrations	FINDINGS	One record per test per specimen per observation time per subject or pool	Tabulation	STUDYID, USUBJID, PCTESTCD, PCSPEC, PCDTC	pc.xpt	
PM	Palpable Masses	FINDINGS	One record per test per palpable mass per observation time per subject	Tabulation	STUDYID, USUBJID, PMSPID, PMTESTCD, PMDTC	pm.xpt	
PP	Pharmacokinetics Parameters	FINDINGS	One record per test per timeconcentration profile per specimen per subject or pool	Tabulation	STUDYID, USUBJID, PPTESTCD, PPCAT, PPSPEC, PPRFTDTC	pp.xpt	
SC	Subject Characteristics	FINDINGS	One record per characteristic per subject	Tabulation	STUDYID, USUBJID, SCTESTCD	sc.xpt	
TF	Tumor Findings	FINDINGS	One record per tumor per specimen per subject	Tabulation	STUDYID, USUBJID, TFTESTCD, TFORRES, TFSPEC	tf.xpt	
VS	Vital Signs	FINDINGS	One record per measurement per observation time per subject	Tabulation	STUDYID, USUBJID, VSTESTCD, VSDTC	vs.xpt	
RELREC	Related Records	RELATIONSHIP	One record per related record, related group of records (e.g., --GRPID), or related dataset	Tabulation	STUDYID, RDOMAIN, USUBJID, IDVAR, IDVARVAL, RELID	relrec.xpt	
SUPPMA	Supplemental Qualifiers for MA	RELATIONSHIP	One record per IDVAR, IDVARVAL, and QNAM value per subject per related domain	Tabulation	STUDYID, RDOMAIN, USUBJID, IDVAR, IDVARVAL, QNAM	suppma.xpt	
SUPPMI	Supplemental Qualifiers for MI	RELATIONSHIP	One record per IDVAR, IDVARVAL, and QNAM value per subject per related domain	Tabulation	STUDYID, RDOMAIN, USUBJID, IDVAR, IDVARVAL, QNAM	suppmi.xpt	

Trial Arms (TA) [Location: [ta.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["TA"] <SEND Domain Abbreviation (TA.DOMAIN)>	Other	
ARMCD	Planned Arm Code	2	text	2		Other	
ARM	Description of Planned Arm		text	30		Other	
TAETORD	Order of Element within Arm	3	integer	1		Other	
ETCD	Element Code		text	5		Other	
ELEMENT	Description of Element		text	28		Other	
TABRANCH	Branch		text	21		Other	
EPOCH	Trial Epoch		text	9		Other	

Trial Elements (TE) [Location: [te.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["TE"] <SEND Domain Abbreviation (TE.DOMAIN)>	Other	
ETCD	Element Code	2	text	5		Other	
ELEMENT	Description of Element		text	28		Other	
TESTRL	Rule for Start of Element		text	41		Other	
TEENRL	Rule for End of Element		text	31		Other	
TEDUR	Planned Duration of Element		text	4	ISO8601	Other	

Trial Summary (TS) [Location: [ts.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["TS"] <SEND Domain Abbreviation (TS.DOMAIN)>	Other	
TSSEQ	Sequence Number	3	integer	1		Other	
TSGRPID	Group Identifier		text	1		Other	
TSPARMCD	Trial Summary Parameter Short Name	2	text	8	SEND Trial Summary Parameter Test Code (TS.TSPARMCD)	Other	
TSPARM	Trial Summary Parameter		text	37	SEND Trial Summary Parameter Test Name (TS.TSPARM)	Other	
TSVAL	Parameter Value		text	56		Other	

Trial Sets (TX) [Location: [tx.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["TX"] <SEND Domain Abbreviation (TX.DOMAIN)>	Other	
SETCD	Set Code	2	text	3		Other	
SET	Set Description		text	37		Other	
TXSEQ	Sequence Number		integer	3		Other	
TXPARMCD	Trial Set Parameter Short Name	3	text	8	SEND Trial Summary Parameter Test Code (TX.TXPARMCD)	Other	
TXPARAM	Trial Set Parameter		text	33	SEND Trial Summary Parameter Test Name (TX.TXPARAM)	Other	
TXVAL	Trial Set Parameter Value		text	32		Other	

Comments (CO) [Location: [co.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["CO"] <SEND Domain Abbreviation (CO.DOMAIN)>	Other	

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
RDOMAIN	Related Domain Abbreviation		text	2		Other	
USUBJID	Unique Subject Identifier		text	13		Other	
COSEQ	Sequence Number	2	integer	3		Other	
IDVAR	Identifying Variable		text	5		Other	
IDVARVAL	Identifying Variable Value		text	2		Other	
COVAL	Comment		text	33		Collected	
CODTC	Date/Time of Comment		datetime		ISO8601	Collected	

Demographics (DM) [Location: [dm.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["DM"] < SEND Domain Abbreviation (DM.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
SUBJID	Subject Identifier for the Study		text	4		Other	
RFSTDTC	Subject Reference Start Date/Time		datetime		ISO8601	Collected	Date/time of first exposure to study treatment
RFENDTC	Subject Reference End Date/Time		datetime		ISO8601	Collected	Date/time of death
AGETXT	Age Range		text	3		Other	
AGEU	Age Unit		text	5	["WEEKS"] < Age Unit >	Other	
SEX	Sex		text	1	["M", "F"] < Sex >	Other	
ARMCD	Planned Arm Code		text	2		Other	
ARM	Description of Planned Arm		text	30		Other	
SETCD	Set Code		text	3		Other	

Subject Elements (SE) [Location: [se.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["SE"] < SEND Domain Abbreviation (SE.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
SESEQ	Sequence Number		integer	1		Other	
ETCD	Element Code	3	text	5		Other	
ELEMENT	Description of Element		text	28		Other	
SESTDTC	Start Date/Time of Element	4	datetime		ISO8601	Collected	
SEENDTC	End Date/Time of Element		datetime		ISO8601	Collected	

Exposure (EX) [Location: [ex.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["EX"] < SEND Domain Abbreviation (EX.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
EXSEQ	Sequence Number		integer	1		Derived	Sequence of numbers within a Subject ID
EXTRT	Name of Actual Treatment	3	text	6		Other	
EXDOSE	Dose per Administration		float	3		Collected	
EXDOSU	Dose Units		text	5	["mg/kg"] < Unit (EX.EXDOSU) >	Other	
EXDOSFRM	Dose Form		text	8	["SOLUTION"] < Pharmaceutical Dosage Form >	Other	
EXDOSFRQ	Dosing Frequency Per Interval		text	3	["QID"] < Frequency >	Other	

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
EXROUTE	Route of Administration		text	11	["ORAL GAVAGE"] < Route of Administration >	Other	
EXLOT	Lot Number		text	6		Other	
EXTRTV	Treatment Vehicle		text	6		Other	
EXSTDTC	Start Date/Time of Treatment	4	datetime		ISO8601	Collected	
EXENDTC	End Date/Time of Treatment		datetime		ISO8601	Collected	
EXSTDY	Study Day of Start of Treatment		integer	1		Collected	
EXENDY	Study Day of End of Treatment		integer	2		Collected	

Disposition (DS) [Location: [ds.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["DS"] < SEND Domain Abbreviation (DS.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
DSSEQ	Sequence Number		integer	1		Derived	Sequence of numbers within a Subject ID
DSTERM	Reported Term for the Disposition Event		text	13		Collected	
DSDECOD	Standardized Disposition Term		text	18	["MORIBUND SACRIFICE", "TERMINAL SACRIFICE", "RECOVERY SACRIFICE"] < Standardized Disposition Term >	Other	
VISITDY	Planned Study Day of Disposition		integer	3		Collected	
DSSTDTC	Date/Time of Disposition		datetime		ISO8601	Collected	
DSSTDY	Study Day of Disposition		integer	3		Collected	

Body Weight Gains (BG) [Location: [bg.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["BG"] < SEND Domain Abbreviation (BG.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
BGSEQ	Sequence Number		integer	1		Derived	Sequence of numbers within a Subject ID
BGTESTCD	Test Short Name	3	text	6	["BWGAIN" = "Body Weight Gain"] < Body Weight Gain Test Code >	Other	
BGTEST	Test Name		text	16	["Body Weight Gain"] < Body Weight Gain Test Name >	Other	
BGORRES	Result or Findings as Collected		text	3		Collected	
BGORRESU	Unit of the Original Result		text	1	["g"] < Unit (2125) >	Other	
BGSTRESC	Standardized Result in Character Format		text	3		Collected	
BGSTRESN	Standardized Result in Numeric Format		float	3		Collected	
BGSTRESU	Unit of the Standardized Result		text	1	["g"] < Unit (2125) >	Other	
BGDTC	Date/Time Animal Weighed	4	datetime		ISO8601	Collected	
BGENDTTC	End Date/Time Animal Weighed	5	datetime		ISO8601	Collected	
BGDY	Study Day Animal Weighed		integer	2		Collected	
BGENDY	Study Day of End of Weight Interval		integer	3		Collected	

Body Weights (BW) [Location: [bw.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["BW"] < SEND Domain Abbreviation (BW.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
BWSEQ	Sequence Number		integer	2		Derived	Sequence of numbers within a Subject ID
BWTESTCD	Test Short Name	3	text	6	["BW" = "Body Weight", "TERMBW" = "Terminal Body Weight"] < Body Weight Test Code >	Other	
BWTEST	Test Name		text	20	["Body Weight", "Terminal Body Weight"] < Body Weight Test Name >	Other	
BWORRES	Result or Findings as Collected		text	5		Collected	
BWORRESU	Unit of the Original Result		text	1	["g"] < Unit (2125) >	Other	
BWSTRESC	Standardized Result in Character Format		text	5		Collected	
BWSTRESN	Standardized Result in Numeric Format		float	5		Collected	
BWSTRESU	Unit of the Standardized Result		text	1	["g"] < Unit (2125) >	Other	
BWBLFL	Baseline Flag		text	1	["N", "Y"] < No Yes Response >	Not Available	
VISITDY	Planned Study Day of Collection		integer	3		Collected	
BWDTC	Date/Time Animal Weighed	4	datetime		ISO8601	Collected	
BWDY	Study Day Animal Weighed		integer	3		Collected	

Clinical Observations (CL) [Location: [cl.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["CL"] < SEND Domain Abbreviation (CL.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
CLSEQ	Sequence Number		integer	2		Derived	Sequence of numbers within a Subject ID
CLTESTCD	Test Short Name	3	text	2		Other	
CLTEST	Test Name		text	13		Other	
CLCAT	Category for Clinical Observations	4	text	14	["CLINICAL SIGNS", "OPHTHALMOLOGY"] < Category for Clinical Observation >	Other	
CLORRES	Result or Findings as Collected	5	text	37		Collected	
CLSTRESC	Standardized Result in Character Format		text	11		Collected	Base findings
CLLOC	Location of a Finding	6	text	20		Collected	
VISITDY	Planned Study Day of Collection		integer	3		Collected	
CLDTC	Start Date/Time of Observation	7	datetime		ISO8601	Collected	
CLDY	Study Day of Observation		integer	3		Collected	

Death Diagnosis (DD) [Location: [dd.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["DD"] < SEND Domain Abbreviation (DD.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
DDSEQ	Sequence Number		integer	1		Derived	Sequence of numbers within a Subject ID
DDTESTCD	Death Diagnosis Short Name		text	6	["DEATHD" = "Death Diagnosis"] < Death Diagnosis Test Code >	Other	
DDTEST	Death Diagnosis Name		text	15	["Death Diagnosis"] < Death Diagnosis Test Name >	Other	
DDORRES	Result or Findings as Collected		text	24		Collected	
DDSTRESC	Standardized Result in Character Format		text	24		Collected	
DDRESCAT	Result Category		text	12		Collected	
DDDY	Study Day of Diagnosis		integer	3		Collected	

ECG Test Results (EG) [Location: [eg.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["EG"] < SEND Domain Abbreviation (EG.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
EGSEQ	Sequence Number		integer	1		Derived	Sequence of numbers within a Subject ID
EGTESTCD	ECG Test or Examination Short Name	3	text	6	["RRAG" = "RR Interval, Aggregate", "PRAG" = "PR Interval, Aggregate", "QTCBAG" = "QTcB Interval, Aggregate"] < ECG Test Code >	Other	
EGTEST	ECG Test or Examination Name		text	24	["RR Interval, Aggregate", "PR Interval, Aggregate", "QTcB Interval, Aggregate"] < ECG Test Name >	Other	
EGPOS	ECG Position of Subject		text	5	["PRONE"] < Position >	Other	
EGORRES	Result or Findings as Collected		text	3		Collected	
EGORRESU	Unit of the Original Result		text	4	["msec"] < Unit (2126) >	Other	
EGSTRESC	Standardized Result in Character Format		text	3		Collected	
EGSTRESN	Standardized Result in Numeric Format		float	3		Collected	
EGSTRESU	Unit of the Standardized Result		text	4	["msec"] < Unit (2126) >	Other	
EGLEAD	Location Used for Measurement		text	7	["LEAD II"] < ECG Lead >	Other	
EGMETHOD	Method of ECG Test		text	1		Other	
EGCSTATE	Consciousness State		text	9	["CONSCIOUS"] < Consciousness State >	Other	
EGBLFL	Baseline Flag		text	1	["N", "Y"] < No Yes Response >	Other	
VISITDY	Planned Study Day of Collection		integer	2		Other	
EGDTC	Date/Time of ECG	4	datetime		ISO8601	Collected	
EGDY	Study Day of ECG Collection		integer	2		Collected	

Food and Water Consumption (FW) [Location: [fw.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["FW"] < SEND Domain Abbreviation (FW.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
FWSEQ	Sequence Number		integer	1		Derived	Sequence of numbers within a Subject ID
FWTESTCD	Food /Water Consumption Short Name	3	text	2	["FC" = "Food Consumption"] < Food and Water Consumption Test Code >	Other	
FWTEST	Food /Water Consumption Name		text	16	["Food Consumption"] < Food and Water Consumption Test Name >	Other	
FWORRES	Result or Findings as Collected		text	3		Collected	
FWORRESU	Unit of the Original Result		text	5	["g/day"] < Unit (2127) >	Other	
FWSTRESC	Standardized Result in Character Format		text	3		Collected	
FWSTRESN	Standardized Result in Numeric Format		float	3		Collected	
FWSTRESU	Unit of the Standardized Result		text	5	["g/day"] < Unit (2127) >	Other	
FWDTC	Date/Time of Observation	4	datetime		ISO8601	Collected	
FWENDTC	End Date/Time of Observation	5	datetime		ISO8601	Collected	
FWDY	Study Day of Observation		integer	2		Collected	
FWENDY	Study Day of End of Observation		integer	3		Collected	

Laboratory Tests Results (LB) [Location: [lb.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["LB"] < SEND Domain Abbreviation (LB.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
LBSEQ	Sequence Number		integer	2		Derived	Sequence of numbers within a Subject ID
LBTESTCD	Lab Test or Examination Short Name	3	text	7	Laboratory Test Code	Other	
LBTEST	Lab Test or Examination Name		text	39	Laboratory Test Name	Other	
LBCAT	Category for Lab Test		text	18		Other	
LBORRES	Result or Findings as Collected		text	11		Collected	
LBORRESU	Unit of the Original Result		text	7	Unit (2128)	Other	
LBSTRESC	Standardized Result in Character Format		text	11		Collected	
LBSTRESN	Standardized Result in Numeric Format		float	6		Collected	
LBSTRESU	Unit of the Standardized Result		text	7	Unit (2128)	Other	
LBSTAT	Completion Status		text	8	["NOT DONE"] < Not Done >	Other	
LBREASND	Reason Not Done		text	14		Collected	
LBSPEC	Specimen Type	4	text	11	["SERUM", "PLASMA", "WHOLE BLOOD", "URINE"] < Specimen (LB.LBSPEC) >	Other	
LBMETHOD	Method of Test or Examination		text	14		Other	
LBLFL	Baseline Flag		text	1	["N", "Y"] < No Yes Response >	Not Available	
VISITDY	Planned Study Day of Collection		integer	3		Collected	
LBDTC	Date/Time of Specimen Collection	5	datetime		ISO8601	Collected	
LBDY	Study Day of Specimen Collection		integer	3		Collected	

Macroscopic Findings (MA) [Location: [ma.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["MA"] < SEND Domain Abbreviation (MA.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
MASEQ	Sequence Number		integer	1		Derived	Sequence of numbers within a Subject ID
MASPID	Mass Identifier		text	1		Collected	
MATESTCD	Macroscopic Examination Short Name	3	text	8	["GROSPATH" = "Gross Pathological Examination"] < Macroscopic Findings Test Code >	Other	
MATEST	Macroscopic Examination Name		text	30	["Gross Pathological Examination"] < Macroscopic Findings Test Name >	Other	
MAORRES	Result or Findings as Collected	4	text	75		Collected	
MASTRESC	Standardized Result in Character Format		text	18		Collected	Base findings
MASPEC	Specimen Material Type	5	text	25	Specimen (MA.MASPEC)	Other	
MAANTREG	Anatomical Region of Specimen	6	text	1		Other	
MALAT	Specimen Laterality within Subject	7	text	9	["BILATERAL", "LEFT"] < Laterality (MA.MALAT) >	Other	
MASEV	Severity		text	6	["2 OF 5", "1 OF 5", "3 OF 5"] < Severity (MA.MASEV) >	Collected	
MADY	Study Day of Specimen Collection		integer	3		Collected	

Related dataset: Supplemental Qualifiers for MA ([SUPPMA](#))

Microscopic Findings (MI) [Location: [mi.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["MI"] <SEND Domain Abbreviation (MI.DOMAIN)>	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
MISEQ	Sequence Number		integer	2		Derived	Sequence of numbers within a Subject ID
MISPID	Mass Identifier		text	1		Collected	
MITESTCD	Microscopic Examination Short Name	3	text	6	["MIEXAM" = "Microscopic Examination"] <Microscopic Findings Test Code>	Other	
MITEST	Microscopic Examination Name		text	23	["Microscopic Examination"] <Microscopic Findings Test Name>	Other	
MIORRES	Result or Findings as Collected		text	65		Collected	
MISTRESC	Standardized Result in Character Format	4	text	29		Collected	Base findings
MIRESCAT	Result Category		text	9	["BENIGN", "MALIGNANT"] <Microscopic Histopathology Result Category>	Collected	
MISTAT	Completion Status		text	8	["NOT DONE"] <Not Done>	Other	
MIREASND	Reason Not Done		text	18		Collected	
MISPEC	Specimen Material Type	5	text	30	Specimen (MI.MISPEC)	Other	
MIANTREG	Anatomical Region of Specimen	6	text	6		Other	
MISPCND	Specimen Condition		text	9		Other	
MISPCUFL	Specimen Usability for the Test		text	1	["N"] <No Yes Response (MI.MIS-PCUFL)>	Collected	
MILAT	Specimen Laterality within Subject	7	text	5	["LEFT", "RIGHT"] <Laterality (MI.MI-LAT)>	Other	
MIDIR	Specimen Directionality within Subject	8	text	7	["CRANIAL", "CAUDAL"] <Directionality>	Other	
MISEV	Severity		text	6	["2 OF 5", "4 OF 5", "3 OF 5"] <Severity (MI.MISEV)>	Collected	
MIDTHREL	Relationship to Death		text	1	["N", "Y"] <No Yes Response>	Collected	
MIDY	Study Day of Specimen Collection		integer	3		Collected	

Related dataset: Supplemental Qualifiers for MI ([SUPPMI](#))Organ Measurements (OM) [Location: [om.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["OM"] <SEND Domain Abbreviation (OM.DOMAIN)>	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
OMSEQ	Sequence Number		integer	2		Derived	Sequence of numbers within a Subject ID
OMTESTCD	Test Short Name	3	text	6	["WEIGHT" = "Weight"] <Organ Measurement Test Code>	Other	
OMTEST	Test Name		text	6	["Weight"] <Organ Measurement Test Name>	Other	
OMORRES	Result or Findings as Collected		text	14		Collected	
OMORRESU	Unit of the Original Result		text	1	["g"] <Unit (2125)>	Other	
OMSTRESC	Standardized Result in Character Format		text	14		Collected	
OMSTRESN	Standardized Result in Numeric Format		float	9		Collected	
OMSTRESU	Unit of the Standardized Result		text	1	["g"] <Unit (2125)>	Other	
OMSPEC	Specimen Material Type	4	text	16	Specimen (OM.OMSPEC)	Other	
OMDTC	Date/Time Organ Weighed		datetime		ISO8601	Collected	
OMDY	Study Day of Weighing		integer	3		Collected	

Pharmacokinetics Concentrations (PC) [Location: [pc.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["PC"] <SEND Domain Abbreviation (PC.DOMAIN)>	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
PCSEQ	Sequence Number		integer	1		Derived	Sequence of numbers within a Subject ID
PCTESTCD	Test Short Name	3	text	7		Other	
PCTEST	Test Name		text	20		Other	
PCORRES	Result or Findings as Collected		text	5		Collected	
PCORRESU	Unit of the Original Result		text	5	["ng/mL"] <PK Parameter Units of Measure (2129)>	Other	
PCSTRESC	Standardized Result in Character Format		text	5		Collected	
PCSTRESN	Standardized Result in Numeric Format		float	5		Collected	
PCSTRESU	Unit of the Standardized Result		text	5	["ng/mL"] <PK Parameter Units of Measure (2129)>	Other	
PCSPEC	Specimen Material Type	4	text	6	["PLASMA"] <Specimen (2130)>	Other	
PCMETHOD	Method of Test or Examination		text	4		Other	
PCBLFL	Baseline Flag		text	1	["N", "Y"] <No Yes Response>	Not Available	
PCLLOQ	Lower Limit of Quantitation		float	2		Other	
VISITDY	Visit Day		integer	2		Collected	
PCDTC	Date/Time of Specimen Collection	5	datetime		ISO8601	Collected	
PCDY	Study Day of Specimen Collection		integer	2		Collected	
PCTPT	Planned Time Point Name		text	7		Other	
PCTPTNUM	Planned Time Point Number		float	3		Other	
PCELTMT	Planned Elapsed Time from Time Point Ref		text	6		Other	
PCTPTREF	Time Point Reference		text	11		Other	
PCRFTDTC	Date/Time of Reference Point		datetime		ISO8601	Collected	

Palpable Masses (PM) [Location: [pm.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["PM"] <SEND Domain Abbreviation (PM.DOMAIN)>	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
PMSEQ	Sequence Number		integer	1		Derived	Sequence of numbers within a Subject ID
PMSPID	Mass Identifier	4	text	1		Collected	
PMTESTCD	Test Short Name	3	text	5	["DESCR" = "Description"] <Physical Properties Test Code>	Other	
PMTEST	Test Name		text	11	["Description"] <Physical Properties Test Name>	Other	
PMORRES	Result or Findings as Collected		text	23		Collected	
PMORRESU	Unit of the Original Result		text	1	Unit	Other	
PMSTRESC	Standardized Result in Character Format		text	10		Collected	
PMSTRESN	Standardized Result in Numeric Format		float	1		Collected	
PMSTRESU	Unit of the Standardized Result		text	1	Unit	Other	
PMLOC	Location of a Finding		text	13		Collected	
VISITDY	Planned Study Day of Collection		integer	3		Collected	
PMDTC	Start Date/Time of Observation	5	datetime		ISO8601	Collected	

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
PMDY	Study Day of Observation		integer	3		Collected	

Pharmacokinetics Parameters (PP) [Location: [pp.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["PP"] < SEND Domain Abbreviation (PP.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
PPSEQ	Sequence Number		integer	1		Derived	Sequence of numbers within a Subject ID
PPTSTCD	Parameter Short Name	3	text	6	PK Parameters Code	Other	
PPTST	Parameter Name		text	25	PK Parameters	Other	
PPCAT	Parameter Category	4	text	6		Other	
PPORRES	Result or Findings as Collected		text	8		Collected	
PPORRESU	Unit of the Original Result		text	7	["ng/mL", "h", "h*ng/mL"] < PK Parameter Units of Measure >	Other	
PPSTRESC	Standardized Result in Character Format		text	8		Collected	
PPSTRESN	Standardized Result in Numeric Format		float	8		Collected	
PPSTRESU	Unit of the Standardized Result		text	7	["ng/mL", "h", "h*ng/mL"] < PK Parameter Units of Measure >	Other	
PPSTAT	Completion Status		text	8	["NOT DONE"] < Not Done >	Other	
PPREASND	Reason Not Done		text	14		Collected	
PPSPEC	Specimen Material Type	5	text	6	["PLASMA"] < Specimen (2130) >	Other	
VISITDY	Planned Study Day of Collection		integer	2		Collected	
PPRFTDTC	Date/Time of Reference Point	6	datetime		ISO8601	Not Available	

Subject Characteristics (SC) [Location: [sc.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["SC"] < SEND Domain Abbreviation (SC.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
SCSEQ	Sequence Number		integer	1		Derived	Sequence of numbers within a Subject ID
SCTESTCD	Subject Characteristic Short Name	3	text	5		Other	
SCTEST	Subject Characteristic		text	20		Other	
SCORRES	Result or Findings as Collected		text	6		Collected	
SCSTRESC	Standardized Result in Character Format		text	6		Collected	
SCDY	Study Day of Collection		integer	1		Collected	

Tumor Findings (TF) [Location: [tf.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["TF"] < SEND Domain Abbreviation (TF.DOMAIN) >	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
TFSEQ	Sequence Number		integer	1		Derived	Sequence of numbers within a Subject ID
TFSPID	Mass Number		text	1		Collected	
TFTESTCD	Tumor Examination Short Name	3	text	5	["TUMEX" = "Tumor Examination"] < Tumor Findings Test Code >	Other	
TFTEST	Tumor Examination		text	17	["Tumor Examination"] < Tumor Findings Test Name >	Other	
TFORRES	Result or Findings as Collected	4	text	31		Collected	

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
TFSTRESC	Standardized Result in Character Format		text	36	["LEIOMYOMA, BENIGN", "CARCINOMA, HEPATOCELLULAR, MALIGNANT", "ADENOMA, HEPATOCELLULAR, BENIGN"] <Neoplasm Type>	Collected	
TFRESCAT	Tumor Malignancy Status		text	9	["BENIGN", "MALIGNANT"] <Neoplastic Status>	Collected	
TFSPEC	Specimen Material Type	5	text	6	["UTERUS", "LIVER"] <Specimen (TF.TFSPEC)>	Other	
TFDTHREL	Relationship to Death		text	1	["N", "Y"] <No Yes Response>	Collected	
TFDY	Study Day of Collection		integer	3		Collected	
TFDETECT	Time in Days to Detection of Tumor		integer	3		Derived	TFDETECT= (CLDTC – EXSTDTC) + 1. if the tumor was detected as a clinical sign. (PMDTC – EXSTDTC) + 1 if the tumor was detected as a palpable mass. (DSSTDTC – EXSTDTC) + 1 if the tumor was initially detected during necropsy (the MA domain) or histopathology (the MI domain).

Vital Signs (VS) [Location: [vs.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
DOMAIN	Domain Abbreviation		text	2	["VS"] <SEND Domain Abbreviation (VS.DOMAIN)>	Other	
USUBJID	Unique Subject Identifier	2	text	13		Other	
VSSEQ	Sequence Number		integer	1		Derived	Sequence of numbers within a Subject ID
VSTESTCD	Vital Signs Test Short Name	3	text	2	["HR" = "Heart Rate"] <Vital Signs Test Code>	Other	
VSTEST	Vital Signs Test Name		text	10	["Heart Rate"] <Vital Signs Test Name>	Other	
VSORRES	Result or Findings as Collected		text	3		Collected	
VSORRESU	Unit of the Original Result		text	9	["beats/min"] <Units for Vital Signs Results>	Other	
VSSTRESC	Standardized Result in Character Format		text	3		Collected	
VSSTRESN	Standardized Result in Numeric Format		float	3		Collected	
VSSTRESU	Unit of the Standardized Result		text	9	["beats/min"] <Units for Vital Signs Results>	Other	
VSDLFL	Baseline Flag		text	1	["N", "Y"] <No Yes Response>	Other	
VISITDY	Planned Study Day of Collection		integer	2		Collected	
VSDTC	Date/Time of Measurement	4	datetime		ISO8601	Collected	
VSDY	Study Day of Vital Signs Measurement		integer	2		Collected	

Related Records (RELREC) [Location: [relrec.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
RDOMAIN	Related Domain Abbreviation	2	text	2		Other	
USUBJID	Unique Subject Identifier	3	text	13		Other	
IDVAR	Identifying Variable	4	text	5		Other	
IDVARVAL	Identifying Variable Value	5	text	2		Other	
RELTYPE	Relationship Type		text	1		Not Available	
RELID	Relationship Identifier	6	text	2		Other	

Supplemental Qualifiers for MA (SUPPMA) [Location: [suppma.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
RDOMAIN	Related Domain Abbreviation	2	text	2		Other	
USUBJID	Unique Subject Identifier	3	text	13		Other	
IDVAR	Identifying Variable	4	text	5		Other	

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
IDVARVAL	Identifying Variable Value	5	text	1		Other	
QNAM	Qualifier Variable Name	6	text	8		Other	
QLABEL	Qualifier Variable Label		text	16		Other	
QVAL	Data Value		text	57		Collected	
QORIG	Origin		text	9		Collected	
QEVAL	Evaluator		text	1		Other	

Related dataset: Macroscopic Findings ([MA](#))

Supplemental Qualifiers for MI (SUPPMI) [Location: [suppmi.xpt](#)]

Variable	Label	Key	Type	Length	Controlled Terms or Format	Origin	Derivation/Comment
STUDYID	Study Identifier	1	text	8		Other	
RDOMAIN	Related Domain Abbrevia- tion	2	text	2		Other	
USUBJID	Unique Subject Identifier	3	text	13		Other	
IDVAR	Identifying Variable	4	text	5		Other	
IDVARVAL	Identifying Variable Value	5	text	2		Other	
QNAM	Qualifier Variable Name	6	text	8		Other	
QLABEL	Qualifier Variable Label		text	16		Other	
QVAL	Data Value		text	43		Collected	
QORIG	Origin		text	9		Collected	
QEVAL	Evaluator		text	1		Other	

Related dataset: Microscopic Findings ([MI](#))

Value Level Metadata

Value Level Metadata - SUPPMA [QVAL]

Variable	Where	Type	Length / Display Format	Controlled Terms or Format	Origin	Derivation/Comment
QVAL	QNAM EQ MARESMOD (Result Modifiers)	text	200		Collected	

Value Level Metadata - SUPPMI [QVAL]

Variable	Where	Type	Length / Display Format	Controlled Terms or Format	Origin	Derivation/Comment
QVAL	QNAM EQ MIRESMOD (Result Modifiers)	text	200		Collected	

Value Level Metadata - TS [TSVAL]

Variable	Where	Type	Length / Display Format	Controlled Terms or Format	Origin	Derivation/Comment
TSVAL	TSPARMCD EQ AGEU (Age Unit)	text	6	["WEEKS"] < Age Unit >	Other	
TSVAL	TSPARMCD EQ SDESIGN (Study Design)	text	200	["PARALLEL"] < Study Design >	Other	
TSVAL	TSPARMCD EQ ROUTE (Route of Administration)	text	200	["ORAL GAVAGE"] < Route of Administration >	Other	
TSVAL	TSPARMCD EQ SNDIGVER (SEND Implementation Guide Version)	text	200	["SEND IMPLEMENTATION GUIDE VERSION 3.0"] < SEND Implementation Guide Version >	Other	
TSVAL	TSPARMCD EQ SPECIES (Species)	text	200	["RAT"] < Species >	Other	
TSVAL	TSPARMCD EQ STCAT (Study Category)	text	200	["TOX"] < Study Category >	Other	
TSVAL	TSPARMCD EQ STRAIN (Strain/Substrain)	text	200	["SPRAGUE-DAWLEY"] < Strain/Substrain >	Other	
TSVAL	TSPARMCD EQ SSTYP (Study Type)	text	200	["REPEAT DOSE TOXICITY"] < Study Type >	Other	
TSVAL	TSPARMCD EQ TFCNTRY (Test Facility Country)	text	200	["USA"] < Country >	Other	
TSVAL	TSPARMCD EQ ENVTEMPU (Environmental Temperature Units)	text	1	["C"] < Unit 70 >	Other	
TSVAL	TSPARMCD EQ HUMIDTU (Housing Humidity Units)	text	200	Unit	Other	
TSVAL	TSPARMCD EQ MTHTRM (Method of Termination)	text	200	["ANESTHETIZED EXSANGUINATION"] < Method of Termination >	Other	
TSVAL	TSPARMCD EQ SRANDOM (Study Is Randomized)	text	1	["Y"] < No Yes Response 71 >	Other	
TSVAL	TSPARMCD EQ SEXPOP (Sex of Participants)	text	4	["BOTH"] < Sex of Participants >	Other	
TSVAL	TSPARMCD EQ TSCNTRY (Test Site Country)	text	200	["USA"] < Country >	Other	
TSVAL	TSPARMCD EQ DOSDUR (Dosing Duration)	datetime		ISO8601	Other	
TSVAL	TSPARMCD EQ EXPENDTC (Experimental End Date)	datetime		ISO8601	Other	
TSVAL	TSPARMCD EQ EXPSTDTC (Experimental Start Date)	datetime		ISO8601	Other	
TSVAL	TSPARMCD EQ STSTDTC (Study Start Date)	datetime		ISO8601	Other	
TSVAL	TSPARMCD EQ TRMSAC (Time to Terminal Sacrifice)	datetime		ISO8601	Other	
TSVAL	TSPARMCD EQ SLENGTH	datetime		ISO8601	Other	
TSVAL	TSPARMCD EQ RECSAC (Recovery Period)	datetime		ISO8601	Other	
TSVAL	TSPARMCD EQ STENDTC	datetime		ISO8601	Other	

Controlled Terms

Age Unit [CL.AGEU.17404, C66781]

Permitted Value (Code)
WEEKS [C29844]

Body Weight Gain Test Code [CL.BGTESTCD.17406, C89960]

Permitted Value (Code)	Display Value (Decode)
BWGAIN [C62754]	Body Weight Gain

Body Weight Gain Test Name [CL.BGTEST.17406, C89959]

Permitted Value (Code)
Body Weight Gain [C62754]

Body Weight Test Code [CL.BWTESTCD.17407, C89962]

Permitted Value (Code)	Display Value (Decode)
BW [C81328]	Body Weight
TERMBW [C90464]	Terminal Body Weight

Body Weight Test Name [CL.BWTEST.17407, C89961]

Permitted Value (Code)
Body Weight [C81328]
Terminal Body Weight [C90464]

Category for Clinical Observation [CL.CLCAT.17408, C89963]

Permitted Value (Code)
CLINICAL SIGNS [C100104]
OPHTHALMOLOGY [C16939]

Consciousness State [CL.CSTATE.17409, C90018]

Permitted Value (Code)
CONSCIOUS [C88434]

Country [CL.COUNTRY.17410, C66786]

Permitted Value (Code)
USA [C17234]

Death Diagnosis Test Code [CL.DDTESTCD.17411, C89966]

Permitted Value (Code)	Display Value (Decode)
DEATHD [C81239]	Death Diagnosis

Death Diagnosis Test Name [CL.DDTEST.17411, C89965]

Permitted Value (Code)
Death Diagnosis [C81239]

Directionality [CL.DIR.17412, C99074]

Permitted Value (Code)
CRANIAL [C37936]
CAUDAL [C73851]

ECG Lead [CL.EGLEAD.17413, C90013]

Permitted Value (Code)
LEAD II [C90409]

ECG Test Code [CL.EGTESTCD.17415, C71153]

Permitted Value (Code)	Display Value (Decode)
RRAG [C117791]	RR Interval, Aggregate
PRAG [C117773]	PR Interval, Aggregate
QTCBAG [C117784]	QTcB Interval, Aggregate

ECG Test Name [CL.EGTEST.17415, C71152]

Permitted Value (Code)
RR Interval, Aggregate [C117791]
PR Interval, Aggregate [C117773]
QTcB Interval, Aggregate [C117784]

Food and Water Consumption Test Code [CL.FWTESTCD.17416, C89970]

Permitted Value (Code)	Display Value (Decode)
FC [C90384]	Food Consumption

Food and Water Consumption Test Name [CL.FWTEST.17416, C89969]

Permitted Value (Code)
Food Consumption [C90384]

Frequency [CL.FREQ.17417, C71113]

Permitted Value (Code)
QID [C64530]

Laboratory Test Code [CL.LBTESTCD.17418, C65047]

Permitted Value (Code)	Display Value (Decode)
ALB [C64431]	Albumin
ALBGLOB [C74894]	Albumin/Globulin
ALP [C64432]	Alkaline Phosphatase
ALT [C64433]	Alanine Aminotransferase
APTT [C38462]	Activated Partial Thromboplastin Time
AST [C64467]	Aspartate Aminotransferase
BASO [C64470]	Basophils
BILI [C38037]	Bilirubin
UREAN [C125949]	Urea Nitrogen
CA [C64488]	Calcium
CHOL [C105586]	Cholesterol
CL [C64495]	Chloride
CREAT [C64547]	Creatinine
EOS [C64550]	Eosinophils
FIBRINO [C64606]	Fibrinogen
GGT [C64847]	Gamma Glutamyl Transferase
GLOBUL [C74738]	Globulin
GLUC [C105585]	Glucose
HCT [C64796]	Hematocrit
HGB [C64848]	Hemoglobin
K [C64853]	Potassium
LGUNSCE [C74659]	Large Unstained Cells
LYM [C51949]	Lymphocytes

Permitted Value (Code)	Display Value (Decode)
MCH [C64797]	Ery. Mean Corpuscular Hemoglobin
MCHC [C64798]	Ery. Mean Corpuscular HGB Concentration
MCV [C64799]	Ery. Mean Corpuscular Volume
MONO [C64823]	Monocytes
NEUT [C63321]	Neutrophils
PHOS [C64857]	Phosphate
PLAT [C51951]	Platelets
PROT [C64858]	Protein
PT [C62656]	Prothrombin Time
RBC [C51946]	Erythrocytes
RDW [C64800]	Erythrocytes Distribution Width
RETI [C51947]	Reticulocytes
SODIUM [C64809]	Sodium
TRIG [C64812]	Triglycerides
WBC [C51948]	Leukocytes
CLARITY [C96594]	Clarity
COLOR [C64546]	Color
KETONES [C64854]	Ketones
OCCBLD [C74686]	Occult Blood
PH [C45997]	pH
SPGRAV [C64832]	Specific Gravity
VOLUME [C74720]	Volume

Laboratory Test Name [CL.LBTEST.17418, C67154]

Permitted Value (Code)
Albumin [C64431]
Albumin/Globulin [C74894]
Alkaline Phosphatase [C64432]
Alanine Aminotransferase [C64433]
Activated Partial Thromboplastin Time [C38462]
Aspartate Aminotransferase [C64467]
Basophils [C64470]
Bilirubin [C38037]
Urea Nitrogen [C125949]
Calcium [C64488]
Cholesterol [C105586]
Chloride [C64495]
Creatinine [C64547]
Eosinophils [C64550]
Fibrinogen [C64606]
Gamma Glutamyl Transferase [C64847]
Globulin [C74738]
Glucose [C105585]
Hematocrit [C64796]

Permitted Value (Code)
Hemoglobin [C64848]
Potassium [C64853]
Large Unstained Cells [C74659]
Lymphocytes [C51949]
Ery. Mean Corpuscular Hemoglobin [C64797]
Ery. Mean Corpuscular HGB Concentration [C64798]
Ery. Mean Corpuscular Volume [C64799]
Monocytes [C64823]
Neutrophils [C63321]
Phosphate [C64857]
Platelets [C51951]
Protein [C64858]
Prothrombin Time [C62656]
Erythrocytes [C51946]
Erythrocytes Distribution Width [C64800]
Reticulocytes [C51947]
Sodium [C64809]
Triglycerides [C64812]
Leukocytes [C51948]
Clarity [C96594]
Color [C64546]
Ketones [C64854]
Occult Blood [C74686]
pH [C45997]
Specific Gravity [C64832]
Volume [C74720]

Macroscopic Findings Test Code [CL.MATESTCD.17420, C89972]

Permitted Value (Code)	Display Value (Decode)
GROSPATH [C90390]	Gross Pathological Examination

Macroscopic Findings Test Name [CL.MATEST.17420, C89971]

Permitted Value (Code)
Gross Pathological Examination [C90390]

Method of Termination [CL.MTHTRM.17421, C89975]

Permitted Value (Code)
ANESTHETIZED EXSANGUINATION [C90357]

Microscopic Findings Test Code [CL.MITESTCD.17422, C89974]

Permitted Value (Code)	Display Value (Decode)
MIEXAM [*]	Microscopic Examination

Microscopic Findings Test Name [CL.MITEST.17422, C89973]

Permitted Value (Code)
Microscopic Examination [*]

Microscopic Histopathology Result Category [CL.MIRESCAT.17423, C90017]

Permitted Value (Code)
BENIGN [C14172]
MALIGNANT [C14143]

Neoplasm Type [CL.NEOPLASM.17424, C88025]

Permitted Value (Code)
LEIOMYOMA, BENIGN [C3157]
CARCINOMA, HEPATOCELLULAR, MALIGNANT [C3099]
ADENOMA, HEPATOCELLULAR, BENIGN [C3758]

Neoplastic Status [CL.NEOSTAT.17425, C90004]

Permitted Value (Code)
BENIGN [C14172]
MALIGNANT [C14143]

No Yes Response [CL.NY.17426, C66742]

Permitted Value (Code)
N [C49487]
Y [C49488]

Not Done [CL.ND.17427, C66789]

Permitted Value (Code)
NOT DONE [C49484]

Organ Measurement Test Code [CL.OMTESTCD.17428, C89977]

Permitted Value (Code)	Display Value (Decode)
WEIGHT [C25208]	Weight

Organ Measurement Test Name [CL.OMTEST.17428, C89976]

Permitted Value (Code)
Weight [C25208]

PK Parameter Units of Measure [CL.PKUNIT.17429, C85494]

Permitted Value (Code)
ng/mL [C67306]
h [C25529]
h*ng/mL [C85624]

PK Parameters [CL.PKPARAM.17430, C85493]

Permitted Value (Code)
Max Conc [C70918]
Time of CMAX [C70919]
Time of Last Nonzero Conc [C85822]
AUC to Last Nonzero Conc [C85565]
AUC Infinity Obs [C85761]
AUC Over Dosing Interval [C85567]

PK Parameters Code [CL.PKPARAMCD.17430, C85839]

Permitted Value (Code)	Display Value (Decode)
CMAX [C70918]	Max Conc
TMAX [C70919]	Time of CMAX
TLST [C85822]	Time of Last Nonzero Conc

Permitted Value (Code)	Display Value (Decode)
AUCLST [C85565]	AUC to Last Nonzero Conc
AUCIFO [C85761]	AUC Infinity Obs
AUCTAU [C85567]	AUC Over Dosing Interval

Pharmaceutical Dosage Form [CL.FRM.17431, C66726]

Permitted Value (Code)
SOLUTION [C42986]

Physical Properties Test Code [CL.PHSPRPCD.17432, C95121]

Permitted Value (Code)	Display Value (Decode)
DESCR [C25365]	Description

Physical Properties Test Name [CL.PHSPRP.17432, C95120]

Permitted Value (Code)
Description [C25365]

Position [CL.POSITION.17434, C71148]

Permitted Value (Code)
PRONE [C62165]

Route of Administration [CL.ROUTE.17436, C66729]

Permitted Value (Code)
ORAL GAVAGE [C78374]

SEND Implementation Guide Version [CL.SNDIGVER.17439, C89982]

Permitted Value (Code)
SEND IMPLEMENTATION GUIDE VERSION 3.0 [C96371]

Sex [CL.SEX.17442, C66731]

Permitted Value (Code)
M [C20197]
F [C16576]

Sex of Participants [CL.SEXPOP.17443, C66732]

Permitted Value (Code)
BOTH [C49636]

Species [CL.SPECIES.17444, C77808]

Permitted Value (Code)
RAT [C14266]

Standardized Disposition Term [CL.DSDECOD.17446, C89968]

Permitted Value (Code)
MORIBUND SACRIFICE [C90425]
TERMINAL SACRIFICE [C90465]
RECOVERY SACRIFICE [C90445]

Strain/Substrain [CL.STRAIN.17447, C77530]

Permitted Value (Code)
SPRAGUE-DAWLEY [C76189]

Study Category [CL.STCAT.17448, C90002]

Permitted Value (Code)
TOX [C17206]

Study Design [CL.SDESIGN.17449, C89967]

Permitted Value (Code)
PARALLEL [C82639]

Study Type [CL.SSTYP.17450, C90003]

Permitted Value (Code)
REPEAT DOSE TOXICITY [C79376]

Tumor Findings Test Code [CL.TFTESTCD.17451, C90006]

Permitted Value (Code)	Display Value (Decode)
TUMEX [C90479]	Tumor Examination

Tumor Findings Test Name [CL.TFTEST.17451, C90005]

Permitted Value (Code)
Tumor Examination [C90479]

Unit [CL.UNIT.17452, C71620]

Permitted Value (Code)
C [C42559]
% [C25613]
g [C48155]
msec [C41140]
mg/kg [C67401]
g/day [C67372]
g/dL [C64783]
U/L [C67456]
sec [C42535]
10^9/L [C67255]
mg/dL [C67015]
mmol/L [C64387]
pg [C64551]
fL [C64780]
10^12/L [C67308]
mL [C28254]

Units for Vital Signs Results [CL.VSRESU.17453, C66770]

Permitted Value (Code)
beats/min [C49673]

Vital Signs Test Code [CL.VSTESTCD.17454, C66741]

Permitted Value (Code)	Display Value (Decode)
HR [C49677]	Heart Rate

Vital Signs Test Name [CL.VSTEST.17454, C67153]

Permitted Value (Code)
Heart Rate [C49677]

Laterality (MA.MALAT) [CL.MA.MALAT.LAT.17486, C99073]

Permitted Value (Code)
BILATERAL [C13332]
LEFT [C25229]

Laterality (MI.MILAT) [CL.MI.MILAT.LAT.17492, C99073]

Permitted Value (Code)
LEFT [C25229]
RIGHT [C25228]

No Yes Response (MI.MISPCUFL) [CL.MI.MISPCUFL.NY.17491, C66742]

Permitted Value (Code)
N [C49487]

No Yes Response_71 [CL.NY.17456, C66742]

Permitted Value (Code)
Y [C49488]

PK Parameter Units of Measure (2129) [CL.2129.PKUNIT.21895, C85494]

Permitted Value (Code)
ng/mL [C67306]

SEND Domain Abbreviation (BG.DOMAIN) [CL.BG.DOMAIN.SDOMAIN.17459, C111113]

Permitted Value (Code)
BG [C95083]

SEND Domain Abbreviation (BW.DOMAIN) [CL.BW.DOMAIN.SDOMAIN.17462, C111113]

Permitted Value (Code)
BW [C95085]

SEND Domain Abbreviation (CL.DOMAIN) [CL.CL.DOMAIN.SDOMAIN.17464, C111113]

Permitted Value (Code)
CL [C95086]

SEND Domain Abbreviation (CO.DOMAIN) [CL.CO.DOMAIN.SDOMAIN.17465, C111113]

Permitted Value (Code)
CO [C49569]

SEND Domain Abbreviation (DD.DOMAIN) [CL.DD.DOMAIN.SDOMAIN.17466, C111113]

Permitted Value (Code)
DD [C95087]

SEND Domain Abbreviation (DM.DOMAIN) [CL.DM.DOMAIN.SDOMAIN.17467, C111113]

Permitted Value (Code)
DM [C49572]

SEND Domain Abbreviation (DS.DOMAIN) [CL.DS.DOMAIN.SDOMAIN.17468, C111113]

Permitted Value (Code)
DS [C49576]

SEND Domain Abbreviation (EG.DOMAIN) [CL.EG.DOMAIN.SDOMAIN.17471, C111113]

Permitted Value (Code)
EG [C49626]

SEND Domain Abbreviation (EX.DOMAIN) [CL.EX.DOMAIN.SDOMAIN.17474, C111113]

Permitted Value (Code)
EX [C49587]

SEND Domain Abbreviation (FW.DOMAIN) [CL.FW.DOMAIN.SDOMAIN.17477, C111113]

Permitted Value (Code)
FW [C95090]

SEND Domain Abbreviation (LB.DOMAIN) [CL.LB.DOMAIN.SDOMAIN.17480, C111113]

Permitted Value (Code)
LB [C49592]

SEND Domain Abbreviation (MA.DOMAIN) [CL.MA.DOMAIN.SDOMAIN.17484, C111113]

Permitted Value (Code)
MA [C95094]

SEND Domain Abbreviation (MI.DOMAIN) [CL.MI.DOMAIN.SDOMAIN.17488, C111113]

Permitted Value (Code)
MI [C95095]

SEND Domain Abbreviation (OM.DOMAIN) [CL.OM.DOMAIN.SDOMAIN.17497, C111113]

Permitted Value (Code)
OM [C49605]

SEND Domain Abbreviation (PC.DOMAIN) [CL.PC.DOMAIN.SDOMAIN.17501, C111113]

Permitted Value (Code)
PC [C49606]

SEND Domain Abbreviation (PM.DOMAIN) [CL.PM.DOMAIN.SDOMAIN.17504, C111113]

Permitted Value (Code)
PM [C95097]

SEND Domain Abbreviation (PP.DOMAIN) [CL.PP.DOMAIN.SDOMAIN.17506, C111113]

Permitted Value (Code)
PP [C49607]

SEND Domain Abbreviation (SC.DOMAIN) [CL.SC.DOMAIN.SDOMAIN.17510, C111113]

Permitted Value (Code)
SC [C49610]

SEND Domain Abbreviation (SE.DOMAIN) [CL.SE.DOMAIN.SDOMAIN.17511, C111113]

Permitted Value (Code)
SE [C49616]

SEND Domain Abbreviation (TA.DOMAIN) [CL.TA.DOMAIN.SDOMAIN.17512, C111113]

Permitted Value (Code)
TA [C49618]

SEND Domain Abbreviation (TE.DOMAIN) [CL.TE.DOMAIN.SDOMAIN.17513, C111113]

Permitted Value (Code)
TE [C49619]

SEND Domain Abbreviation (TF.DOMAIN) [CL.TF.DOMAIN.SDOMAIN.17514, C111113]

Permitted Value (Code)
TF [C95100]

SEND Domain Abbreviation (TS.DOMAIN) [CL.TS.DOMAIN.SDOMAIN.17517, C111113]

Permitted Value (Code)
TS [C53483]

SEND Domain Abbreviation (TX.DOMAIN) [CL.TX.DOMAIN.SDOMAIN.17519, C111113]

Permitted Value (Code)
TX [C95103]

SEND Domain Abbreviation (VS.DOMAIN) [CL.VS.DOMAIN.SDOMAIN.17522, C111113]

Permitted Value (Code)
VS [C49622]

SEND Trial Summary Parameter Test Code (TS.TSPARMCD) [CL.TS.TSPARMCD.STSPRMCD.21903, C90009]

Permitted Value (Code)	Display Value (Decode)
RECSAC [C90446]	Recovery Period
SEXPOP [C49696]	Sex of Participants
TSCNTRY [C90470]	Test Site Country
TSLOC [C90471]	Test Site Location
TSNAM [C90472]	Test Site Name
WATER [C90377]	Drinking Water
STSTDTC [C99157]	Study Start Date
AGETXT [C90352]	Age Text
AGEU [C50400]	Age Unit
SDESIGN [C95082]	Study Design
DOSDUR [C90378]	Dosing Duration
EXPSTDTC [C90487]	Experimental Start Date
EXPENDTC [C90382]	Experimental End Date
GLPTYP [C90389]	Good Laboratory Practice Type
ROUTE [C38114]	Route of Administration
SNDIGVER [C90458]	SEND Implementation Guide Version
SNDCTVER [C96370]	SEND Controlled Terminology Version
SPLRNAM [C90473]	Test Subject Supplier
SPREFID [C135009]	Sponsor's Study Reference ID
SSPONSOR [C129946]	Sponsoring Organization
STCAT [C90461]	Study Category
STDIR [C129944]	Study Director
STRAIN [C96373]	Strain/Substrain
STITLE [C95108]	Study Title
SSTYP [C92644]	Study Type
TRT [C41161]	Investigational Therapy or Treatment
TFCNTRY [C90467]	Test Facility Country
TSTFLOC [C90468]	Test Facility Location
TSTFNAM [C90469]	Test Facility Name
TRMSAC [C90466]	Time to Terminal Sacrifice
TRTCAS [C92645]	Primary Treatment CAS Registry Number
TRTV [C927]	Treatment Vehicle
LOT [*]	Lot Number
PLANFSUB [C90437]	Planned Number of Female Subjects
PLANMSUB [C90438]	Planned Number of Male Subjects
QATYPE [*]	Quality Assurance type
TRTPUR [*]	Percent Purity of Compound
DIET [C90364]	Basal Diet
ENVTEMP [C90380]	Environmental Temperature

Permitted Value (Code)	Display Value (Decode)
ENVTEMPU [C90381]	Environmental Temperature Units
HOUSEGRP [C90394]	Housing Group
HOUSETYP [C90397]	Housing Type
HUMIDT [C90395]	Housing Humidity
HUMIDTU [C90396]	Housing Humidity Units
IDMETH [C90422]	Method of Identification
LIGHT [C90419]	Light Cycle
MTHTRM [C90423]	Method of Termination
SPLANSUB [C95106]	Planned Number of Subjects
SRANDOM [C95104]	Study Is Randomized
SPECIES [C96433]	Species

SEND Trial Summary Parameter Test Code (TX.TXPARMCD) [CL.TX.TXPARMCD.STSPRMCD.21904, C90009]

Permitted Value (Code)	Display Value (Decode)
ARMCD [C83216]	Arm Code
GRPLBL [C90391]	Group Label
PLANFSUB [C90437]	Planned Number of Female Subjects
PLANMSUB [C90438]	Planned Number of Male Subjects
SETLBL [C90455]	Set Label
SPGRPCD [C90456]	Sponsor-Defined Group Code
SPLANSUB [C95106]	Planned Number of Subjects
TCNTRL [C49647]	Control Type
TKDESC [C90477]	Toxicokinetic Description
TRTDOS [C25488]	Dose Level
TRTDOSU [C73558]	Dose Units

SEND Trial Summary Parameter Test Name (TS.TSPARM) [CL.TS.TSPARM.STSPRM.21903, C90007]

Permitted Value (Code)
Recovery Period [C90446]
Sex of Participants [C49696]
Test Site Country [C90470]
Test Site Location [C90471]
Test Site Name [C90472]
Drinking Water [C90377]
Study Start Date [C99157]
Age Text [C90352]
Age Unit [C50400]
Study Design [C95082]
Dosing Duration [C90378]
Experimental Start Date [C90487]
Experimental End Date [C90382]
Good Laboratory Practice Type [C90389]
Route of Administration [C38114]
SEND Implementation Guide Version [C90458]
SEND Controlled Terminology Version [C96370]

Permitted Value (Code)
Test Subject Supplier [C90473]
Sponsor's Study Reference ID [C135009]
Sponsoring Organization [C129946]
Study Category [C90461]
Study Director [C129944]
Strain/Substrain [C96373]
Study Title [C95108]
Study Type [C92644]
Investigational Therapy or Treatment [C41161]
Test Facility Country [C90467]
Test Facility Location [C90468]
Test Facility Name [C90469]
Time to Terminal Sacrifice [C90466]
Primary Treatment CAS Registry Number [C92645]
Treatment Vehicle [C927]
Lot Number [*]
Planned Number of Female Subjects [C90437]
Planned Number of Male Subjects [C90438]
Quality Assurance type [*]
Percent Purity of Compound [*]
Basal Diet [C90364]
Environmental Temperature [C90380]
Environmental Temperature Units [C90381]
Housing Group [C90394]
Housing Type [C90397]
Housing Humidity [C90395]
Housing Humidity Units [C90396]
Method of Identification [C90422]
Light Cycle [C90419]
Method of Termination [C90423]
Planned Number of Subjects [C95106]
Study Is Randomized [C95104]
Species [C96433]

SEND Trial Summary Parameter Test Name (TX.TXPARM) [CL.TX.TXPARM.STSPRM.21904, C90007]

Permitted Value (Code)
Arm Code [C83216]
Group Label [C90391]
Planned Number of Female Subjects [C90437]
Planned Number of Male Subjects [C90438]
Set Label [C90455]
Sponsor-Defined Group Code [C90456]
Planned Number of Subjects [C95106]
Control Type [C49647]

Permitted Value (Code)
Toxicokinetic Description [C90477]
Dose Level [C25488]
Dose Units [C73558]

Severity (MA.MASEV) [CL.MA.MASEV.SEV.17487, C90000]

Permitted Value (Code)
2 OF 5 [C147504]
1 OF 5 [C147501]
3 OF 5 [C147507]

Severity (MI.MISEV) [CL.MI.MISEV.SEV.17494, C90000]

Permitted Value (Code)
2 OF 5 [C147504]
4 OF 5 [C147509]
3 OF 5 [C147507]

Specimen (2130) [CL.2130.SPEC.21897, C77529]

Permitted Value (Code)
PLASMA [C13356]

Specimen (LB.LBSPEC) [CL.LB.LBSPEC.SPEC.17483, C77529]

Permitted Value (Code)
SERUM [C13325]
PLASMA [C13356]
WHOLE BLOOD [C41067]
URINE [C13283]

Specimen (MA.MASPEC) [CL.MA.MASPEC.SPEC.17485, C77529]

Permitted Value (Code)
ESOPHAGUS [C12389]
GLAND, ADRENAL [C12666]
ALL TISSUES [C90476]
EPIDIDYMIS [C12328]
HINDLIMB [C77625]
TESTIS [C12412]
THYMUS [C12433]
GLAND, COAGULATING [C77618]
GLAND, SEMINAL VESICLE [C12787]
LYMPH NODE, MESENTERIC [C77641]
GLAND, THYROID [C12400]
STOMACH [C12391]
LARGE INTESTINE, CECUM [C12381]
LARGE INTESTINE, COLON [C12382]
LARGE INTESTINE, RECTUM [C12390]
SKIN [C12470]
SPLEEN [C12432]
UTERUS [C12405]
LUNG [C12468]

Permitted Value (Code)
LIVER [C12392]
KIDNEY [C12415]
SMALL INTESTINE, ILEUM [C12387]
SMALL INTESTINE, JEJUNUM [C12388]
SMALL INTESTINE, DUODENUM [C12263]
URINARY BLADDER [C12414]
BODY CAVITY, CRANIAL [C77638]

Specimen (MI.MISPEC) [CL.MI.MISPEC.SPEC.17490, C77529]

Permitted Value (Code)
GLAND, ADRENAL [C12666]
ARTERY, AORTA [C12669]
BONE MARROW, FEMUR [C77686]
BONE MARROW, STERNUM [C77690]
BONE, STERNUM [C12793]
JOINT, HIP [C32742]
BRAIN [C12439]
GLAND, COAGULATING [C77618]
EPIDIDYMIS [C12328]
ESOPHAGUS [C12389]
EYE [C12401]
GLAND, HARDERIAN [C77619]
HEART [C12727]
KIDNEY [C12415]
LARGE INTESTINE, COLON [C12382]
LARGE INTESTINE, RECTUM [C12390]
LARGE INTESTINE, CECUM [C12381]
LARYNX [C12420]
LIVER [C12392]
LUNG [C12468]
LYMPH NODE, MESENTERIC [C77641]
LYMPH NODE, POPLITEAL [C53146]
GLAND, MAMMARY [C12367]
NERVE, OPTIC [C12761]
PANCREAS [C12393]
GLAND, PARATHYROID [C12765]
NERVE, SCIATIC [C52810]
PEYER'S PATCH [C12771]
GLAND, PITUITARY [C12399]
GLAND, PROSTATE [C12410]
GLAND, SALIVARY, SUBLINGUAL [C12234]
GLAND, SALIVARY, SUBMANDIBULAR [C12233]
GLAND, SALIVARY, PAROTID [C12427]
GLAND, SEMINAL VESICLE [C12787]

Permitted Value (Code)
MUSCLE, QUADRICEPS FEMORIS [C33441]
SKIN [C12470]
SMALL INTESTINE, DUODENUM [C12263]
SMALL INTESTINE, ILEUM [C12387]
SMALL INTESTINE, JEJUNUM [C12388]
SPINAL CORD, CERVICAL [C12892]
SPINAL CORD, LUMBAR [C12895]
SPINAL CORD, THORACIC [C12894]
SPLEEN [C12432]
STOMACH [C12391]
TESTIS [C12412]
THYMUS [C12433]
GLAND, THYROID [C12400]
TONGUE [C12422]
TRACHEA [C12428]
URETER [C12416]
URINARY BLADDER [C12414]
UTERUS [C12405]

Specimen (OM.OMSPEC) [CL.OM.OMSPEC.SPEC.17499, C77529]

Permitted Value (Code)
BRAIN [C12439]
HEART [C12727]
LIVER [C12392]
KIDNEY [C12415]
TESTIS [C12412]
GLAND, PITUITARY [C12399]
GLAND, THYROID [C12400]
GLAND, ADRENAL [C12666]
SPLEEN [C12432]
THYMUS [C12433]
OVARY [C12404]

Specimen (TF.TFSPEC) [CL.TF.TFSPEC.SPEC.17515, C77529]

Permitted Value (Code)
UTERUS [C12405]
LIVER [C12392]

Unit (2125) [CL.2125.UNIT.21877, C71620]

Permitted Value (Code)
g [C48155]

Unit (2126) [CL.2126.UNIT.21882, C71620]

Permitted Value (Code)
msec [C41140]

Unit (2127) [CL.2127.UNIT.21885, C71620]

Permitted Value (Code)
g/day [C67372]

Unit (2128) [CL.2128.UNIT.21887, C71620]

Permitted Value (Code)
g/dL [C64783]
U/L [C67456]
sec [C42535]
10^9/L [C67255]
mg/dL [C67015]
mmol/L [C64387]
% [C25613]
pg [C64551]
fL [C64780]
10^12/L [C67308]
mL [C28254]

Unit (EX.EXDOSU) [CL.EX.EXDOSU.UNIT.17475, C71620]

Permitted Value (Code)
mg/kg [C67401]

Unit_70 [CL.UNIT.17455, C71620]

Permitted Value (Code)
C [C42559]

Computational Algorithms

Method	Type	Description
Algorithm to derive TF.TFDETECT	Computation	TFDETECT= (CLDTC – EXSTDTC) + 1. if the tumor was detected as a clinical sign. (PMDTC – EXSTDTC) + 1 if the tumor was detected as a palpable mass. (DSSTDTC – EXSTDTC) + 1 if the tumor was initially detected during necropsy (the MA domain) or histopathology (the MI domain).
Algorithm to derive --.--SEQ	Computation	Sequence of numbers within a Subject ID

Comments

CommentOID	Description
COM.DM.RFSTDTC	Date/time of first exposure to study treatment
COM.DM.RFENDTC	Date/time of death
COM.CL.CLSTRESC	Base findings
COM.MA.MASTRESC	Base findings
COM.MI.MISTRESC	Base findings