This document provides guidance on the types of specifications that should be documented in the protocol if the study involves collection of blood. As the majority of the items that follow will be dictated on the protocol level and NOT collected for each and every specimen, CDEs are not associated with these guidelines.

## Blood Sample Collection Information

1. Date and time participant/ subject last ate: // (m m/dd/yyyy) : (hh:mm, 24 hr clock)

### Serum

1. Was serum sample collected?:  Yes  No (skip to Question 6)
2. Date and time of serum sample collection: // (m m/dd/yyyy) : (hh:mm, 24 hr clock)
3. Type of collection tube:  Red-Top  Other, specify
4. Method of serum collection:

Routine venipuncture w/ tourniquet

Routine venipuncture w/o tournique

Drawn through peripheral venous catheter

Drawn through central venous catheter

Drawn through PICC (peripherally inserted central catheter)

Drawn through peripheral arterial puncture

Drawn through arterial peripheral line

Drawn through arterial central line

Special procedures

Other, specify:

1. Needle gauge size: 16 gauge18 gauge20 gaugeOther, specify:  Unknown

### Plasma

1. Was plasma sample collected?:  Yes  No(skip to Question 11)
2. Date and time of plasma sample collection: // (m m/dd/yyyy) : (hh:mm, 24 hr clock)
3. Type of collection tube: EDTA  Heparin  Other, specify

1. Method of plasma collection:

Routine venipuncture w/ tourniquet

Routine venipuncture w/o tournique

Drawn through peripheral venous catheter

Drawn through central venous catheter

Drawn through PICC (peripherally inserted central catheter)

Drawn through peripheral arterial puncture

Drawn through arterial peripheral line

Drawn through arterial central line

Special procedures

Other, specify:

1. Needle gauge size: 16 gauge18 gauge20 gaugeOther, specify:  Unknown

### Platelets

1. Was platelet sample collected?  Yes  No (skip to Question 16)
2. Date and time of platelet sample collection: // (m m/dd/yyyy) : (hh:mm, 24 hr clock)
3. Type of collection tube:  Red-Top  Other, specify
4. Method of platelet collection:

Routine venipuncture w/ tourniquet

Routine venipuncture w/o tournique

Drawn through peripheral venous catheter

Drawn through central venous catheter

Drawn through PICC (peripherally inserted central catheter)

Drawn through peripheral arterial puncture

Drawn through arterial peripheral line

Drawn through arterial central line

Special procedures

Other, specify:

1. Needle gauge size: 16 gauge18 gauge20 gaugeOther, specify:Unknown

### Buffy Coat

1. Was buffy coat sample collected?  Yes  No *(skip to Question 21)*
2. Date and time of buffy coat sample collection: // (m m/dd/yyyy) : (hh:mm, 24 hr clock)
3. Type of collection tube:  Red-Top  Other, specify
4. Method of buffy coat collection:

Routine venipuncture w/ tourniquet

Routine venipuncture w/o tournique

Drawn through peripheral venous catheter

Drawn through central venous catheter

Drawn through PICC (peripherally inserted central catheter)

Drawn through peripheral arterial puncture

Drawn through arterial peripheral line

Drawn through arterial central line

Special procedures

Other, specify:

1. Needle gauge size:  16 gauge  18 gauge  20 gauge  Other, specify:  Unknown

### RBCs

1. Was RBC sample collected?  Yes  No (skip to Question 26)
2. Date and time of RBC sample collection: // (m m/dd/yyyy) : (hh:mm, 24 hr clock)
3. Type of collection tube:  Red-Top  Other, specify
4. Method of RBC collection:

Routine venipuncture w/ tourniquet

Routine venipuncture w/o tournique

Drawn through peripheral venous catheter

Drawn through central venous catheter

Drawn through PICC (peripherally inserted central catheter)

Drawn through peripheral arterial puncture

Drawn through arterial peripheral line

Drawn through arterial central line

Special procedures

Other, specify:

1. Needle gauge size: 16 gauge  18 gauge  20 gauge  Other, specify:  Unknown

### Whole Blood (including DNA and RNA)

1. Was whole blood sample collected?  Yes  No (skip to Sample Processing Information section)
2. Date and time of whole blood sample collection: // (m m/dd/yyyy) : (hh:mm, 24 hr clock)
3. Type of collection tube:  Red-Top  PAXgene Tube  ACD Tube  Other, specify
4. Method of whole blood collection:

Routine venipuncture w/ tourniquet

Routine venipuncture w/o tournique

Drawn through peripheral venous catheter

Drawn through central venous catheter

Drawn through PICC (peripherally inserted central catheter)

Drawn through peripheral arterial puncture

Drawn through arterial peripheral line

Drawn through arterial central line

Special procedures

Other, specify:

1. Needle gauge size:  16 gauge  18 gauge  20 gauge  Other, specify:Unknown

### Sample Processing Information

Instructions: Fill out this part of the form for each type of sample collected, if multiple samples are collected.

1. Information for sample (choose only one):

Serum

Plasma

Platelets

Buffy coat

Whole blood

RBCs

1. How was sample stored following collection and prior to processing?

On Ice  Room temperature  40C  Other, specify

1. Date and time of processing: // (m m/dd/yyyy) : (hh:mm, 24 hr clock)
2. Sample centrifuged?  Yes  No (Skip to Question 10)  Unknown (Skip to Question 10)

\*If Yes, type of centrifuge used:  Refrigerated  Non-refrigerated

1. Date sample centrifuged: // (m m/dd/yyyy)
2. Start Time sample centrifuged: : (hh:mm, 24 hr clock)
3. End Time sample centrifuged: : (hh:mm, 24 hr clock)
4. Speed at which sample centrifuged: x g
5. Force at which sample was centrifuged: rpm
6. Number of aliquots:
7. Volume of aliquots: mL
8. Volume of last aliquot, if different from other aliquots**:** mL N/A – same as other aliquots
9. Time sample aliquoted: : (hh:mm, 24 hr clock)
10. Time aliquots put on dry ice: : (hh:mm, 24 hr clock)
11. Were aliquots on ice prior to freezing?  Yes  No  Unknown
12. Time aliquots put in freezer: : (hh:mm, 24 hr clock)
13. What was the temperature of storage prior to freezing?

On Ice Room temperature 40C Other, specify

1. Method of freezing prior to long term storage:

In freezing block  Dry ice  Liquid Nitrogen  Placed in freezer

1. Long term sample storage temperature:  -800C  -200C  40C  Other, specify 0C
2. Time in local storage: : (hh:mm, 24 hr clock)
3. Temperature of local storage:  -800C  -200C  40C  Other, specify 0C
4. Material used to store sample:  Glass  Plastic, specify type:
5. Additional processing methods used:Yes, specifyNo Unknown