

DPCC Data Standard Reference for Cell Reagent v1.0

	Project_Identifier	Contributing_Institution	Sample_Identifier
Input Type	Text Field	Text Field	Text Field
Definition	A unique Project Identifier generated by the DPCC by combining the Center-generated Project Code and a random 4-digit number	The institution code for the group that CREATED THE REAGENT. Must be one of the CEIRS institution codes assigned by NIAID.	Identifier assigned to the reagent
Format	Project_Code_XXXX Maximum length: 21 characters	Center three-letter code followed by three digits. Maximum length: 6 characters	Center-specific Allowed characters include alphanumeric, hyphen, and underscore: a-z, A-Z, 0-9, -, _ Maximum length: 50 characters
Value List	None	None	Text NA
Curation	The entry must be a Project Identifier value registered with the DPCC.	The entry must be an Institution Code value registered with the DPCC. Center 3-letter codes are case-sensitive and must be entered in all-caps.	None
Examples	SJCProj02_4001	SJC101	SSC-001
Notes	None	None	
Dependent Fields			
Validation	Project_Identifier should be a valid project identifier.	Must be an Institution Code value registered with the DPCC	Validate field length
Message Code	Error_9_PROJECT_NOT_FOUND	Error_1_INVALID_VALUE	Error_70_INVALID_FIELD_LENGTH
Validation	Project_Identifier exists but user does not have permission to access or edit the project.		
Message Code	Error_4_DENIED_USER_ACCESS		

	Sample_Material	Sample_Material_Form
Input Type	Text Field	Text Field
Definition	Material from which the reagent was derived	Description of the type of material in which the reagent is supplied
Format	Text Maximum length: 30 characters	Text Maximum length: 30 characters
Value List	AEC FIB NEC OTH- SPC TEC	Text
Curation	The entry must be one and only one member of the Value List. Values are case-sensitive and must be entered in all-caps.	None
Examples	NEC, or FIB	Bronchioaveolar fluid, Cell suspension, Fluid, Homogenate, Nasal fluid, PBMC in RNALater, Single cell suspension, Trachea cells in RNALater, or Whole tissue
Notes	AEC = Alveolar epithelial cells FIB = Fibroblast cells NEC = Nasal epithelial cells OTH- = Other; append free text to describe SPC = Soft palate cells TEC = Tracheal epithelial cells	
Dependent Fields		
Validation	Field value should be one of valid values as in list. NOTE: User can enter other value by prefixing 'OTH-'	Validate field length
Message Code	Error_1_INVALID_VALUE	Error_70_INVALID_FIELD_LENGTH
Validation	Validate field length	
Message Code	Error_75_INVALID_FIELD_LENGTH_OTH	

	Host_Identifier	Host_Common_Name	Host_Sex
Input Type	Text Field	Text Field	Text Field
Definition	An identifier assigned to the host animal from which the reagent was derived	The English common name given to a particular species as listed in the DPCC Species Dictionary from which the reagent was derived.	Gender of host animal from which the sample was taken
Format	Text Allowed characters include alphanumeric, hyphen, and underscore: a-z, A-Z, 0-9, -, _ Maximum length: 50 characters	Text Maximum length: 100 characters	Text Maximum length: 1 character
Value List	Text U	DPCC Species Dictionary U	M F U
Curation	The entry must be a text string or U.	The entry must be a text string or U. If the entry is not U, the host common name is validated against the DPCC Species Dictionary.	The entry must be one and only one member of the Value List. Values are case-sensitive and must be entered in all-caps.
Examples	F001	ferret	M
Notes	If multiple samples are collected from a host, then all reagents must reference the same Host_Identifier.	Please reference the DPCC Species Dictionary for allowed values.	M = Male F = Female U = Unknown
Dependent Fields			
Validation	Validate field length	Validate against DPCC Species Dictionary	Field value should be one of valid values as in list.
Message Code	Error_70_INVALID_FIELD_LENGTH	Error_1_INVALID_VALUE	Error_1_INVALID_VALUE
Validation			
Message Code			

	Host_Strain	Supplied_as
Input Type	Text Field	Text Field
Definition	The strain of animal from which the sample was taken	A description of the reagent's storage and shipping condition
Format	Text Maximum length: 30 characters	Text Maximum length: 30 characters
Value List	Text	Text
Curation	None	None
Examples	BALB/C, or DBA	Aliquot
Notes	Enter NA if the host does not have a specific strain.	
Dependent Fields		
Validation	Validate field length	Validate field length
Message Code	Error_70_INVALID_FIELD_LENGTH	Error_70_INVALID_FIELD_LENGTH
Validation		
Message Code		

	Concentration	Passage_History	Publication_Pmid	Quantity_Available
Input Type	Text Field	Number Field	Text Field	Number Field
Definition	The concentration of the reagent	A description of the passage history of the cell reagent	The PubMed Unique Identifier (PMID) for the publication in which the reagent was published.	The quantity of reagent available
Format	Text Maximum length: 30 characters	Text Maximum length: 2 characters	PMID Maximum length: 50 characters	Integer Maximum length: 4 characters
Value List	Text NA	Number	Text NA	Number
Curation	None	The entry must be an whole number between 0 and 99	The entry must be a valid PMID number: 7 or 8-digit number with no leading zeros. http://www.nlm.nih.gov/bsd/mms/medlineelements.html#pmid	The entry must be a valid integer between 0-9999
Examples	1x10E6/ml	3, 0, or 5	19465683, or NA	50
Notes	The DPCC does not accept the carrot ^ character, as in 1x10^6/ml. These data can be entered as 1x10E6/ml		If the reagent was referenced in multiple publications, comma-separate the individual PMIDs. Enter NA if the reagent was not referenced in a publication.	
Dependent Fields				
Validation	Validate field length	Must be a valid number between 0 and 99	Validate field length	Validate field length
Message Code	Error_70_INVALID_FIELD_LENGTH	Error_153_INVALID_NUMBER_RANGE	Error_70_INVALID_FIELD_LENGTH	Error_70_INVALID_FIELD_LENGTH
Validation			Must be a valid PMID	Must be a valid number
Message Code			Error_96_INVALID_Pmid	Error_18_ATTRIBUTE_VALUE_TYPE

	Quantity_Minimum	Make_Public	Availability	Contact_Name
Input Type	Number Field	Text Field	Text Field	Text Field
Definition	The minimum quantity of reagent to remain available on the reagent request interface	Whether the reagent should be displayed on the reagents page on the CEIRS Public Website in addition to the DPCC Portal	Whether the reagent is available to share with other investigators on the reagents page of the CEIRS Public Website	The name of the point-of-contact for reagent requests
Format	Integer Maximum length: 4 characters	Text Maximum length: 1 character	Text Maximum length: 1 character	FirstName LastName FirstName MI. LastName Maximum length: 50 characters
Value List	Number	Y N	Y N	None
Curation	The entry must be a valid integer between 0-9999	The entry must be one and only one member of the Value List.	The entry must be one and only one member of the Value List.	None
Examples	5	Y	Y	Jane Smith, or Davey M. Jones
Notes	If 0 is entered, reagent requests will be permitted for all aliquots available. If a number greater than zero is entered, the reagent will be removed from the reagent request interface when the value in the Quantity_Available field is less than or equal to the value in the Quantity_Minimum field.	Y = Yes N = No	Y = Yes N = No	
Dependent Fields				
Validation	Validate field length	Field value should be one of valid values as in list.	Field value should be one of valid values as in list.	Validate field length
Message Code	Error_70_INVALID_FIELD_LENGTH	Error_1_INVALID_VALUE	Error_1_INVALID_VALUE	Error_70_INVALID_FIELD_LENGTH
Validation	Must be a valid number			
Message Code	Error_18_ATTRIBUTE_VALUE_TYPE			

	Contact_Email	Comments
Input Type	Text Field	Text Field
Definition	Email address for the point-of-contact	Text describing anything else of interest related to the submission
Format	Text@domain.com Maximum length: 50 characters	Text Maximum length: 2000 characters
Value List	None	Text NA
Curation	The entry must be a valid email address.	None
Examples	jsmith@email.edu	NA
Notes		If there are no comments, enter NA.
Dependent Fields		
Validation	Validate field length	Validate field length
Message Code	Error_70_INVALID_FIELD_LENGTH	Error_70_INVALID_FIELD_LENGTH
Validation	Must be a valid email address.	
Message Code	Error_114_INVALID_EMAIL	