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

For any other questions please contact support@niaidceirs.org
<table>
<thead>
<tr>
<th>Input Type</th>
<th>Sample Material</th>
<th>Sample Material Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Definition</td>
<td>Material from which the reagent was derived</td>
<td>Description of the type of material in which the reagent is supplied</td>
</tr>
<tr>
<td>Format</td>
<td>Text</td>
<td>Text</td>
</tr>
<tr>
<td></td>
<td>Maximum length: 30 characters</td>
<td>Maximum length: 30 characters</td>
</tr>
<tr>
<td>Value List</td>
<td>AEC, FIB, NEC, OTH-, SPC, TEC</td>
<td>Text</td>
</tr>
<tr>
<td>Curation</td>
<td>The entry must be one and only one member of the Value List. Values are case-sensitive and must be entered in all-caps.</td>
<td>None</td>
</tr>
<tr>
<td>Examples</td>
<td>NEC, or FIB</td>
<td>Bronchioaveolar fluid, Cell suspension, Fluid, Homogenate, Nasal fluid, PBMC in RNALater, Single cell suspension, Trachea cells in RNALater, or Whole tissue</td>
</tr>
<tr>
<td>Notes</td>
<td>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</td>
<td></td>
</tr>
<tr>
<td>Dependent Fields</td>
<td>Field value should be one of valid values as in list. NOTE: User can enter other value by prefixing 'OTH-'</td>
<td></td>
</tr>
<tr>
<td>Validation</td>
<td>Validate field length</td>
<td>Validate field length</td>
</tr>
<tr>
<td>Message Code</td>
<td>Error_1_INVALID_VALUE</td>
<td>Error_70 INVALID_FIELD_LENGTH</td>
</tr>
<tr>
<td>Input Type</td>
<td>Host_Identifier</td>
<td>Host_Common_Name</td>
</tr>
<tr>
<td>---------------</td>
<td>-----------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Definition</td>
<td>An identifier assigned to the host animal from which the reagent was derived</td>
<td>The English common name given to a particular species as listed in the DPCC Species Dictionary from which the reagent was derived.</td>
</tr>
<tr>
<td>Format</td>
<td>Text</td>
<td>Text</td>
</tr>
<tr>
<td></td>
<td>Allowed characters include alphanumeric, hyphen, and underscore: a-z, A-Z, 0-9, -, _</td>
<td>Maximum length: 100 characters</td>
</tr>
<tr>
<td>Value List</td>
<td>Text</td>
<td>DPCC Species Dictionary</td>
</tr>
<tr>
<td></td>
<td>U</td>
<td></td>
</tr>
<tr>
<td>Curation</td>
<td>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.</td>
<td>The entry must be a text string or U.</td>
</tr>
<tr>
<td>Examples</td>
<td>F001</td>
<td>ferret</td>
</tr>
<tr>
<td>Notes</td>
<td>If multiple samples are collected from a host, then all reagents must reference the same Host_Identifier.</td>
<td>Please reference the DPCC Species Dictionary for allowed values.</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Host_Strain</th>
<th>Supplied_as</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Type</td>
<td>Text Field</td>
</tr>
<tr>
<td>Definition</td>
<td>The strain of animal from which the sample was taken</td>
</tr>
<tr>
<td>Format</td>
<td>Text</td>
</tr>
<tr>
<td></td>
<td>Maximum length: 30 characters</td>
</tr>
<tr>
<td>Value List</td>
<td>Text</td>
</tr>
<tr>
<td>Curation</td>
<td>None</td>
</tr>
<tr>
<td>Examples</td>
<td>BALB/C, or DBA</td>
</tr>
<tr>
<td>Notes</td>
<td>Enter NA if the host does not have a specific strain.</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Input Type</th>
<th>Definition</th>
<th>Format</th>
<th>Value List</th>
<th>Curation</th>
<th>Examples</th>
<th>Notes</th>
<th>Dependent Fields</th>
<th>Validation</th>
<th>Message Code</th>
<th>Validation</th>
<th>Message Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Concentration</strong></td>
<td>Text Field</td>
<td>Text</td>
<td>NA</td>
<td>None</td>
<td>1x10E6/ml</td>
<td>The DPCC does not accept the carrot <code>^</code> character, as in <code>1x10^6/ml</code>. These data can be entered as <code>1x10E6/ml</code></td>
<td>The DPCC does not accept the carrot <code>^</code> character, as in <code>1x10^6/ml</code>. These data can be entered as <code>1x10E6/ml</code></td>
<td><strong>Validation</strong></td>
<td>Validate field length</td>
<td><strong>Message Code</strong></td>
<td>Error_70_INVALID_FIELD_LENGTH</td>
</tr>
<tr>
<td>**Passage <strong>History</strong></td>
<td>Number Field</td>
<td>Text</td>
<td>Number</td>
<td>The entry must be an whole number between 0 and 99</td>
<td>The entry must be an whole number between 0 and 99</td>
<td>The entry must be a valid PMID number: 7 or 8-digit number with no leading zeros. <a href="http://www.nlm.nih.gov/bsd/mms/medlineelements.html#pmid">http://www.nlm.nih.gov/bsd/mms/medlineelements.html#pmid</a></td>
<td>The entry must be a valid PMID number: 7 or 8-digit number with no leading zeros. <a href="http://www.nlm.nih.gov/bsd/mms/medlineelements.html#pmid">http://www.nlm.nih.gov/bsd/mms/medlineelements.html#pmid</a></td>
<td><strong>Message Code</strong></td>
<td>Error_96_INVALID_PMID</td>
<td><strong>Validation</strong></td>
<td>Must be a valid PMID</td>
</tr>
<tr>
<td>**Publication <strong>PMID</strong></td>
<td>Text Field</td>
<td>PMID</td>
<td>Text</td>
<td>The PubMed Unique Identifier (PMID) for the publication in which the reagent was published.</td>
<td>The entry must be a valid PMID number: 7 or 8-digit number with no leading zeros. <a href="http://www.nlm.nih.gov/bsd/mms/medlineelements.html#pmid">http://www.nlm.nih.gov/bsd/mms/medlineelements.html#pmid</a></td>
<td>The entry must be a valid PMID number: 7 or 8-digit number with no leading zeros. <a href="http://www.nlm.nih.gov/bsd/mms/medlineelements.html#pmid">http://www.nlm.nih.gov/bsd/mms/medlineelements.html#pmid</a></td>
<td>The entry must be a valid PMID number: 7 or 8-digit number with no leading zeros. <a href="http://www.nlm.nih.gov/bsd/mms/medlineelements.html#pmid">http://www.nlm.nih.gov/bsd/mms/medlineelements.html#pmid</a></td>
<td><strong>Message Code</strong></td>
<td>Error_18_ATTRIBUTE_VALUE_TYPE</td>
<td><strong>Validation</strong></td>
<td>Must be a valid number</td>
</tr>
<tr>
<td>**Quantity <strong>Available</strong></td>
<td>Number Field</td>
<td>Integer</td>
<td>Number</td>
<td>The quantity of reagent available</td>
<td>The quantity of reagent available</td>
<td>The quantity of reagent available</td>
<td>The quantity of reagent available</td>
<td><strong>Message Code</strong></td>
<td>Error_70_INVALID_FIELD_LENGTH</td>
<td><strong>Validation</strong></td>
<td>Validate field length</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Input Type</th>
<th>Quantity_Minimum</th>
<th>Make_Public</th>
<th>Availability</th>
<th>Contact_Name</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Definition</strong></td>
<td>The minimum quantity of reagent to remain available on the reagent request interface</td>
<td>Whether the reagent should be displayed on the reagents page on the CEIRS Public Website in addition to the DPCC Portal</td>
<td>Whether the reagent is available to share with other investigators on the reagents page of the CEIRS Public Website</td>
<td>The name of the point-of-contact for reagent requests</td>
</tr>
<tr>
<td><strong>Format</strong></td>
<td>Integer</td>
<td>Text</td>
<td>Text</td>
<td>FirstName LastName, FirstName MI. LastName</td>
</tr>
<tr>
<td></td>
<td>Maximum length: 4 characters</td>
<td>Maximum length: 1 character</td>
<td>Maximum length: 1 character</td>
<td>Maximum length: 50 characters</td>
</tr>
<tr>
<td><strong>Value List</strong></td>
<td>Number</td>
<td>Y</td>
<td>N</td>
<td>None</td>
</tr>
<tr>
<td><strong>Curation</strong></td>
<td>The entry must be a valid integer between 0-9999</td>
<td>The entry must be one and only one member of the Value List.</td>
<td>The entry must be one and only one member of the Value List.</td>
<td>None</td>
</tr>
<tr>
<td><strong>Examples</strong></td>
<td>5</td>
<td>Y</td>
<td>Y</td>
<td>Jane Smith, or Davey M. Jones</td>
</tr>
<tr>
<td><strong>Notes</strong></td>
<td>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.</td>
<td>Y = Yes, N = No</td>
<td>Y = Yes, N = No</td>
<td></td>
</tr>
<tr>
<td><strong>Dependent Fields</strong></td>
<td>Validate field length</td>
<td>Field value should be one of valid values as in list.</td>
<td>Field value should be one of valid values as in list.</td>
<td>Validate field length</td>
</tr>
<tr>
<td><strong>Validation</strong></td>
<td>Error_70_INVALID_FIELD_LENGTH</td>
<td>Error_1_INVALID_VALUE</td>
<td>Error_1_INVALID_VALUE</td>
<td>Error_70_INVALID_FIELD_LENGTH</td>
</tr>
<tr>
<td><strong>Message Code</strong></td>
<td>Must be a valid number</td>
<td>Error_18_ATTRIBUTE_VALUE_TYPE</td>
<td>Error_18_ATTRIBUTE_VALUE_TYPE</td>
<td>Error_18_ATTRIBUTE_VALUE_TYPE</td>
</tr>
<tr>
<td>Input Type</td>
<td>Contact_Email</td>
<td>Comments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>---------------</td>
<td>---------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Definition</td>
<td>Email address for the point-of-contact</td>
<td>Text describing anything else of interest related to the submission</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Format</td>
<td><a href="mailto:Text@domain.com">Text@domain.com</a></td>
<td>Text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Value List</td>
<td>None</td>
<td>Text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Curation</td>
<td>The entry must be a valid email address.</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Examples</td>
<td><a href="mailto:jsmith@email.edu">jsmith@email.edu</a></td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notes</td>
<td></td>
<td>If there are no comments, enter NA.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Dependent Fields**

**Validation**

- Validate field length

**Message Code**

- **Error_70_INVALID_EMAIL**
- **Error_70_INVALID_FIELD_LENGTH**

**Validation**

- Must be a valid email address.

**Message Code**

- **Error_114_INVALID_EMAIL**