**API Documentation**

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| **:: API ::** | | | |
|  | **▪ Key** | | **transaction.create.master.setBloodAglutinogenType** |
|  | **▪ Version** | | **1** |
|  | **▪ Call Method** | | JSON Post |
|  | **▪ Description** | | Menyimpan Data Baru Jenis Golongan Darah |
|  | | | |
| **:: File System ::** | | | |
|  | **▪ Full Path** | | **<BASE DIRECTORY>/app/Http/Controllers/Application/BackEnd/System/Transaction/Engines/create/ master/setBloodAglutinogenType/v1** |
|  | **▪ File Name** | |  |
|  |  | **▪ Engine** | **setBloodAglutinogenType.php** |
|  |  | **▪ JSON Schema** | **JSONRequestSchema.json** |
|  | | | |
| **:: Documentation ::** | | | |
|  | **▪ Code** | | ERPReborn/API.Doc/transaction.create.master.setBloodAglutinogenType/v1 |
|  | **▪ Revision** | | 1 |
|  | **▪ Date** | | December 24th, 2020 |

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**API Routing ▷**

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**JSON Request Schema (JSON Syntax) ▷**

{

"title": "JSON Request Schema",

"description": "JSON Request Schema of transaction.create.master.setBloodAglutinogenType (version 1)",

"type": "object",

"properties": {

"metadata": {

"type": "object",

"properties": {

"API": {

"type": "object",

"properties": {

"key": {

"type": "string",

"enum": [ "transaction.create.master.setBloodAglutinogenType" ]

},

"version": {

"type": [ "integer", "string" ],

"minimum": 1,

"minLength": 1

}

},

"required": [ "key", "version" ]

}

},

"required": [ "API" ]

},

"data": {

"type": "object",

"properties": {

"entities" : {

"type": "object",

"properties": {

"type": {

"type": [ "string", "null" ],

"minLength": 1,

"maxLength": 2

}

},

"required": [ "type" ]

}

},

"required": [ "entities" ]

}

},

"required": [ "metadata", "data" ]

}

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**Request Code (PHP Syntax) ▷**

$varData = \App\Helpers\ZhtHelper\System\FrontEnd\Helper\_APICall::setCallAPIGateway(

\App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System(),

<...API Web Token...>,

'transaction.create.master.setBloodAglutinogenType',

<...API Version...>,

[

'entities' => [

'type' => <...Blood Aglutinogen Type...>

]

]

);

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| **VARIABLE** | | **DATA TYPE** | **ACCEPTED VALUE** |
| ▪ | <...API Web Token...> | String | Any String |
| ▪ | <...API Version..> | String, Integer | Constant String : 'latest'  Any Integer : 1, 2, ...  Any Integer value on String : '1', '2’, ... |
| ▪ | <...Blood Aglutinogen Type...> | String | Any String (2 Characters Maximum) |

**Request Code (JavaScript Syntax) ▷**

<script src="js/jQuery/jquery.min.js"></script>

<script src=" js/crypto-js/core.min.js"></script>

<script src=" js/crypto-js/md5.js"></script>

<script>

(

var varURL = "http://172.28.0.3/api/gateway";

var varJSONObject = {

"metadata":{

"API":{

"key":"transaction.create.master.setBloodAglutinogenType",

"version":<...API Version..>

}

},

"data":{

"entities":{

"type":"<...Blood Aglutinogen Type...>"

}

}

};

var varAJAXReturn = null;

$.ajax(varURL, {

async:false,

type:"POST",

headers:{

"Authorization":"Bearer <...API Web Token...>",

"User-Agent":function() {

return navigator.userAgent;

}(),

"Agent-DateTime":function() {

var varObjDate = new Date();

return varObjDate.toUTCString();

}(),

"Expires":function() {

var varObjDate = new Date();

varObjDate.setSeconds(varObjDate.getSeconds() + 600);

return varObjDate.toUTCString();

}(),

"Content-MD5":function() {

return btoa(CryptoJS.MD5(JSON.stringify(varJSONObject)));

}(),

"X-Request-ID":**<< Generated By System >>**

},

data:JSON.stringify(varJSONObject),

contentType:"application/json",

success:function(varDataResponse, varTextStatus, varObjXHR) {

varAJAXReturn = JSON.stringify(varDataResponse)

},

error:function(varDataResponse, varTextStatus) {

varAJAXReturn = JSON.stringify(varDataResponse)

}

});

return varAJAXReturn;

);

</script>

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| --- | --- | --- | --- |
| **VARIABLE** | | **DATA TYPE** | **ACCEPTED VALUE** |
| ▪ | <...API Web Token...> | String | Any String |
| ▪ | <...API Version..> | String, Integer | Constant String : 'latest'  Any Integer : 1, 2, ...  Any Integer value on String : '1', '2’, ... |
| ▪ | <...Blood Aglutinogen Type...> | String | Any String (2 Characters Maximum) |

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**Request Example (PHP Syntax) ▷**

$varData = \App\Helpers\ZhtHelper\System\FrontEnd\Helper\_APICall::setCallAPIGateway(

\App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System(),

**'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwNDYzMjYwM30.YCLgKY6lDNLSKzS7f3O9fCd6IgBOyIoVIycqTlUPZ68'**,

'transaction.create.master.setBloodAglutinogenType',

**'latest'**,

[

'entities' => [

'type' => **'AB'**

]

]

);

**Request Example (JavaScript Syntax) ▷**

**JQueryFunction Generator Implementation on PHP ▷**

echo \App\Helpers\ZhtHelper\General\Helper\_JQuery::setLibrary(\App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System());

**$varJQueryFunction** = \App\Helpers\ZhtHelper\System\FrontEnd\Helper\_APICall::setCallAPIGatewayJQuery(

\App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System(),

**'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwNDYzMjYwM30.YCLgKY6lDNLSKzS7f3O9fCd6IgBOyIoVIycqTlUPZ68'**,

'transaction.create.master.setBloodAglutinogenType',

**'latest'**,

[

'entities' => [

'type' => **'AB'**

]

]

);

echo "<button type='button' onclick='javascript:var varData=".**$varJQueryFunction**."; $(\"body\").append(JSON.stringify(varData));'>Click Me</button>";

**$varJQueryFunction’s Content**

**(Result of \App\Helpers\ZhtHelper\System\FrontEnd\Helper\_APICall::setCallAPIGatewayJQuery) ▷**

function() {

if (window.jQuery){

var varURL = "http://172.28.0.3/api/gateway";

var varJSONObject = {

"metadata":{

"API":{

"key":"transaction.create.master.setBloodAglutinogenType",

"version":"latest"

}

},

"data":{

"entities":{

"type":**"AB"**

}

}

};

var varAJAXReturn = null;

$.ajax(varURL, {

async:false,

type:"POST",

headers:{

"Authorization":"Bearer **eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJsb2dnZWRJbkFzIjoidGVndWgucHJhdGFtYSIsImlhdCI6MTYwNDYzMjYwM30.YCLgKY6lDNLSKzS7f3O9fCd6IgBOyIoVIycqTlUPZ68**",

"User-Agent":function() {

return navigator.userAgent;

}(),

"Agent-DateTime":function() {

var varObjDate = new Date();

return varObjDate.toUTCString();

}(),

"Expires":function() {

var varObjDate = new Date();

varObjDate.setSeconds(varObjDate.getSeconds() + 600);

return varObjDate.toUTCString();

}(),

"Content-MD5":function() {

return btoa(CryptoJS.MD5(JSON.stringify(varJSONObject)));

}(),

"X-Request-ID": " **ERPReborn.5fe40cb08f3268.75040315.533c0270372646d2eead38060f9554d5b266066b4651d48de568a958c9bb8eda2d3eaeb888e2b34c8f3aa3f48473e624120c**"

},

data:JSON.stringify(varJSONObject),

contentType:"application/json",

success:function(varDataResponse, varTextStatus, varObjXHR) {

varAJAXReturn = JSON.stringify(varDataResponse)

},

error:function(varDataResponse, varTextStatus) {

varAJAXReturn = JSON.stringify(varDataResponse)

}

});

return varAJAXReturn;

}

else {

alert("jQuery is not yet loaded\n Please initialize jQuery first by using Helper Object :\n\n\\App\\Helpers\\ZhtHelper\\General\\Helper\_JQuery::setLibrary($varUserSession)");

}

}()

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**Success Response Example (PHP Syntax) ▷ Normal Process ▷**

[

"metadata" => [

"HTTPStatusCode" => 200,

"APIResponse" => [

"key" => "transaction.create.master.setBloodAglutinogenType",

"version" => "1"

]

],

"data" => [

"message" => "Data Insertion Was Successful (New Record ID : 27000000000001)",

"recordID" => 27000000000001

]

]

**Success Response Example (JSON Syntax) ▷ Normal Process ▷**

{

"metadata":{

"HTTPStatusCode":200,

"APIResponse":{

"key":"transaction.create.master.setBloodAglutinogenType",

"version":"1"

}

},

"data":{

"message":"Data Insertion Was Successful (New Record ID : 27000000000001)",

"recordID":27000000000001

}

}

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**Failed Response Example (HTML) ▷ Normal Process ▷**

**Invalid API Web Token ▷**



**Invalid SQL Syntax (Data Insertion Failed) ▷**



**Failed Response Example (HTML) ▷ JSON Contract Incompatibility ▷**



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