

TestLabs

The GPayments **TestLabs** consists of a live **Directory Server** and **Access Control Server**. It has different cardholder scenarios setup for clients to perform functional testing with their **ActiveServer** instance. All card schemes supported by **ActiveServer** are supported by **TestLabs**.

Integrating with ActiveServer

For information on integrating with **ActiveServer** to make a test transaction, you can refer to the [integration guides](#).

On premise users only: setting up DS Profiles

For on premise users only, **DS Profiles** allows a single instance to connect to both card scheme **Production Directory Servers** and the GPayments **TestLabs**. Setup must be completed before TestLabs can be utilised. For more information on configuration, please see the [DS Profiles guide](#).

TestLabs setup

For all TestLabs transactions, the default merchant (**Test Merchant**, with Merchant ID **123456789012345**) must be used. This includes using the [client certificate](#) available in its merchant profile.

The following fields must also be used when performing a transaction:

- **Card holder name** - value must either be **Test Card** or an empty value
- **Expiry date (YYMM)** - value can either be the current or any future year and month, or an empty value

Warning

Not setting the above values correctly will cause the transaction to fail.

Visa	Mastercard	JCB	American Express	Discover
4100000000030008	5100000000000305	3528000000000304	340000000000306	644000000000

Authentication attempt

- **Description** - Transaction will attempt to perform authentication, before returning an attempts response.
- **ARes result:**
 - Transaction Status = A
 - ECI = 06 or 01 (Mastercard)
 - Authentication Value is present

- **Card numbers:**

Visa	Mastercard	JCB	American Express	Discover
4100000000100009	5100000000100006	3528000000100005	340000000100007	64400000 36000000

Authentication failed

- **Description** - Transaction will step up to a challenge using a password. Enter the password "111111" and submit to simulate the cardholder not being authenticated.
- **ARes result:**
 - Transaction Status = C
- **RReq result:**
 - Transaction Status = N
 - ECI is dependant on card scheme specific rules
 - Authentication Value is not present
- **Card numbers:**

Visa	Mastercard	JCB	American Express	Discover
4100000000300005	5100000000300002	3528000000300001	340000000300003	64400000036000000

Authentication unavailable

- **Description** - Transaction will end with authentication unavailable, due to a simulated technical error with the ACS.
- **ARes result:**
 - Transaction Status = U
 - ECI is dependant on card scheme specific rules
 - Authentication Value is not present
- **Card numbers:**

Visa	Mastercard	JCB	American Express	Discover
4100000000400003	5100000000400000	3528000000400009	340000000400001	64400000036000000

Authentication rejected

- **Description** - Transaction will end with the authentication being rejected by the ACS.
- **ARes result:**
 - Transaction Status = R
 - ECI is dependant on card scheme specific rules
 - Authentication Value is not present
- **Card numbers:**

Visa	Mastercard	JCB	American Express	Discover
4100000000500000	5100000000500007	3528000000500006	340000000500008	64400000036000000