



# User Acceptance Test (UAT) EMV™ Test Card Set Summary

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## Revision History

Version	Date	Updated By	Revisions
1.00	June 14, 2019	B2PS	<ul style="list-style-type: none"><li>• Initial document release</li></ul>
2.00	September 9, 2022	B2PS	<ul style="list-style-type: none"><li>• MASTERCARD – updated PAN, expiry date</li><li>• VISA – new PAN, expiry date</li><li>• INTERAC – new BIN, expiry date</li></ul>

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**CAUTION**

Multiple consecutive incorrect PIN entry attempts may result in the card being blocked. This is known as being 'PIN Blocked'.  
 If this occurs, it will no longer be possible to enter an Offline PIN which will cause all future transactions to be declined.

**\*\*\* It is not possible to unblock a 'PIN Blocked' card \*\*\***

## Chapter 1 - Moneris UAT EMV Test Card Set Profiles

This Moneris UAT EMV Test Card Set contains 5 cards with one card from each of the following card brands.



	VISA	MASTERCARD	INTERAC
<b>Brand</b>	Visa	Mastercard	Interac
<b>Type</b>	Credit	Credit	Debit
<b>AID</b>	A0000000031010	A0000000041010	A0000002771010
<b>PAN</b>	4761 ***** 00043	5413 ***** 4111	0012 ***** 0003
<b>Expiry Date</b>	12/2024	12/2025	12/2028
<b>Service Code</b>	201	201	220
<b>Interface</b>	Contact, Contactless, MSR	Contact, Contactless, MSR	Contact, Contactless, MSR
<b>CVM (Contact) Default Condition: Terminal Supports CVM</b>	Online PIN (ATM) Signature (paper) Offline Plaintext PIN No CVM required <a href="#">See card definition</a>	Online PIN (ATM) Offline Enciphered PIN Offline Plaintext PIN Signature (paper) No CVM required <a href="#">See card definition</a>	Offline Enciphered PIN Offline Plaintext PIN Online PIN <a href="#">See card definition</a>
<b>Approval Amount</b>	\$10.00	\$20.00	\$10.00
<b>Issuer Country Code</b>	124 – Canada	840 – USA	124 – Canada
<b>Application Currency Code</b>	124 – CAD	840 – USD	124 – CAD
<b>Language(s)</b>	'en' – English	'fr' – French	'enfr' – English, French
<b>Card Version</b>	3	2	2

	AMEX	DISCOVER
Brand	American Express	Discover
Type	Credit	Credit
AID	A000000025010402	A0000001523010
PAN	3742 ***** 71003	6510 ***** 0024
Expiry Date	12/2024	12/2023
Service Code	201	201
Interface	Contact, Contactless, MSR	Contact, Contactless, MSR
CVM (Contact) Default Condition: <i>Terminal Supports CVM</i>	Online PIN (ATM) Signature (paper) Offline Plaintext PIN No CVM required Fail CVM Processing <a href="#">See card definition</a>	Online PIN (ATM) Offline Plaintext PIN No CVM required <a href="#">See card definition</a>
Approval Amount	\$1.03	\$79.00
Issuer Country Code	840 – USA	840 – USA
Application Currency Code	840 – USD	840 – USD
Language(s)	'en' - English	'en' - English
Card Version	1	1

## 1.1 VISA – DI, Credit, English, Canada, CAD

A Dual Interface Visa credit card with Issuer Country Code of 'Canada' and Currency Code of 'CAD'.

The recommended transaction amount to generate a host approval is \$10.00.

### 1.1.1 Contact: CVM List - AID A0000000031010, Visa (EMV)

Cardholder Verification Method List ('4201 5E03 4103 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Signature (paper)	Terminal supports CVM type	Next CVM
3	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
4	NO CVM required	Terminal supports CVM type	Fail

## 1.2 MASTERCARD – DI, Credit, French, USA, USD

A Dual Interface Mastercard credit card with Issuer Country Code of 'USA' and Currency Code of 'USD'.

The recommended transaction amount to generate a host approval is \$20.00.

### 1.2.1 Contact: CVM List - AID A0000000041010 (EMV)

Cardholder Verification Method List ('4201 4403 4103 5E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Offline Enciphered PIN	Terminal supports CVM type	Next CVM
3	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
4	Signature (paper)	Terminal supports CVM type	Next CVM
5	No CVM required	Terminal supports CVM type	Fail

### 1.2.2 CTLS: CVM List - AID A0000000041010 (PayPass)

Cardholder Verification Method List ('5E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Signature (paper)	Terminal supports CVM type	Next CVM
2	No CVM required	Terminal supports CVM type	Fail

### 1.3 INTERAC – DI, Debit, Eng/Fre, Canada, CAD

A Dual Interface Interac debit card with Issuer Country Code of 'Canada' and Currency Code of 'CAD'.

The recommended transaction amount to generate a host approval is \$10.00.

#### 1.3.1 Contact: CVM List - AID A0000002771010, Interac (EMV)

Cardholder Verification Method List ('0103 0203')			
CVM	Verification Method	Conditions	If unsuccessful
1	Offline Enciphered PIN	Terminal supports CVM type	Fail
2	Offline Plaintext PIN	Terminal supports CVM type	Fail
3	Online PIN	Terminal supports CVM type	Fail

### 1.4 AMEX – DI, Credit, English, USA, USD

A Dual Interface Amex credit card with Issuer Country Code of 'USA' and Currency Code of 'USD'.

The recommended transaction amount to generate a host approval is \$1.03.

#### 1.4.1 Contact: CVM List - AID A000000025010402 (EMV)

Cardholder Verification Method List ('4201 5E03 4103 5F03 0000')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Signature (paper)	Terminal supports CVM type	Next CVM
3	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
4	NO CVM required	Terminal supports CVM type	Next CVM
5	Fail CVM Processing	Always	Fail

#### 1.4.2 CTLS: CVM List - AID A000000025010402 (ExpressPay)

Cardholder Verification Method List ('4201 5E03 1F02 0000')			
CVM	Verification Method	Conditions	If unsuccessful
1	Offline PIN	Unattended Cash	Next CVM
2	Signature (paper)	Terminal supports CVM type	Next CVM
3	No CVM required	Not Unattended Cash, Manual Cash or Cashback	Fail
4	Fail CVM Processing	Always	Fail



## 1.5 DISCOVER – DI, Credit, English, USA, USD

A Dual Interface Discover credit card with Issuer Country Code of 'USA' and Currency Code of 'USD'.

The recommended transaction amount to generate a host approval is \$79.00.

### 1.5.1 Contact: CVM List - AID A0000001523010 (EMV)

Cardholder Verification Method List ('4201 4103 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
3	NO CVM required	Terminal supports CVM type	Fail

### 1.5.2 CTLS: CVM List - AID A0000001523010 (DPAS-EMV)

Cardholder Verification Method List ('4201 4103 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
3	NO CVM required	Terminal supports CVM type	Fail