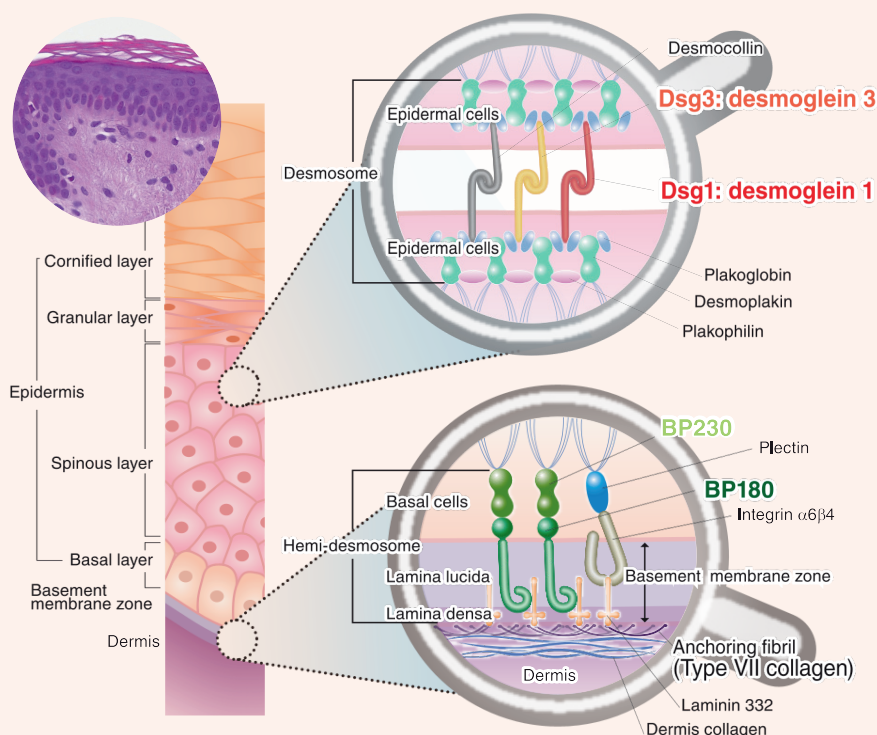


ELISA Kits for Autoantibodies

Autoimmune Blistering Disease

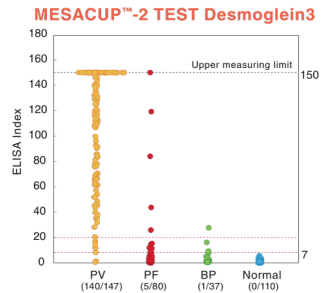
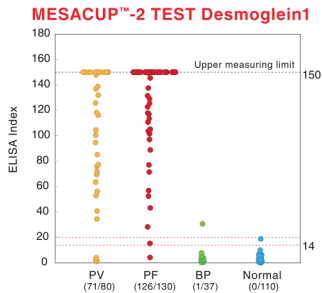
Autoimmune Blistering Diseases (ABDs) are a group of disorders associated with autoantibodies that are directed against desmosomal structural proteins (Pemphigus) or hemidesmosomal proteins (Bullous Pemphigoid and Epidermolysis Bullosa Acquisita). MBL offers ELISA kits for detection and monitoring of ABDs.



Diagnosis & Monitoring

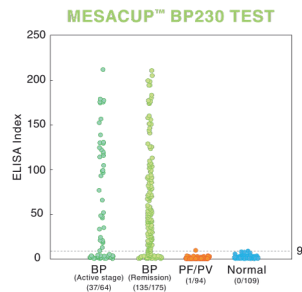
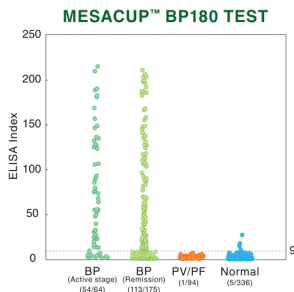
Pemphigus vulgaris (PV) / Pemphigus foliaceus (PF)

Pemphigus is a group of autoimmune blistering diseases of the skin and mucous membranes which are characterized histologically by intraepidermal blisters due to acantholysis (i.e., disruption of the intercellular connections between keratinocytes of the epidermis) and immunopathologically by *in vivo* bound and circulating immunoglobulin G (IgG) antibodies directed against the cell surface of keratinocytes. The target antigens in pemphigus are Dsg1 and 3, members of the cadherin super family. Pemphigus can be classified into pemphigus vulgaris (PV), pemphigus foliaceus (PF), paraneoplastic pemphigus (PNP), and others. The blisters in PV and PF occur in the deeper region of the epidermis (just above the basal layer) and the upper layer respectively.



Bullous pemphigoid (BP)

Pemphigoid is a group of diseases characterized histologically by subepidermal blisters and immunopathologically by linear deposition of IgG and complement C3 at basement membrane zone (BMZ) in the skin from patients with circulating IgG against the molecules within the dermal-epidermal junction (DEJ). The target antigens recognized by autoantibodies in patients with bullous pemphigoid (BP) are BP180 (a 180 kDa transmembrane protein), and BP230 (a 230 kDa intracellular protein).



Code	Product	CE 2797	IVD
7881E	MESACUP™-2 TEST Desmoglein1	CE 2797	IVD
7886E	MESACUP™-2 TEST Desmoglein3	CE 2797	IVD
7697E	MESACUP™ BP180 TEST	CE 2797	IVD
7614E	MESACUP™ BP230 TEST	CE 2797	IVD

Size: 48 wells / kit

This product is intended for *in vitro* diagnostic use only. Classification of this product may differ from the status of approval in each country. Please read the data sheet carefully before use. The information is as of August 2025. Please contact us for the latest information. The information contained herein shall not be reproduced or republished, in any form, in whole or in part, without the expressed permission of MBL Co., Ltd.

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