



# National Diagnostic Epidermolysis Bullosa (EB) Laboratory

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**Report to:** Dr J. E. Mellerio  
Consultant Dermatologist,  
Great Ormond Street Hospital for Sick Children,  
Great Ormond Street,  
London  
WC1N 3JH.

RECEIVED 15 DEC 2009

**Report date:** 23-Dec-2009

## Patient details

First name: Bernadett  
Surname: HORVATH  
Date of birth: 10-Jan-1996  
Gender: Female  
NHS no: 704 981 1866  
Hospital: - Great Ormond Street Hospital  
Hospital no: 905078  
Consultant: Dr Jemima Mellerio

## Sample details

EB Laboratory number: EB09-437  
Pedigree ID: EB0590  
Sample(s) received: Skin biopsy, right thigh  
Date & time of sample: 14-Dec-2009 10.00  
Date & time received in lab: 16-Dec-2009 10.00  
Investigation(s) requested: Immunofluorescence  
& electron microscopy  
Requested by: L. Foster

## Immunofluorescence microscopy report

Please note that electron microscopy will be reported separately if it is required for diagnosis

Antibody clone	Antibody to:	Result
GB3	Laminin 332	Bright labelling at dermal-epidermal junction (DEJ); broad reticular pattern; intensity similar to control
LH7.2	Type VII collagen	Bright linear labelling at DEJ; broad reticular pattern; intensity similar to control
Col94	Type IV collagen	Bright linear labelling at DEJ and surrounding dermal blood vessels, nerves and adnexal structures; broad reticular pattern and thickened appearance around blood vessels and adnexae
LLOO2	Keratin 14	Severely reduced staining intensity compared to control skin; some isolated punctate staining within the keratinocytes of the lower epidermis but barely detectable.
10F6	Plectin	Severely reduced almost absent staining intensity compared to control.
123	Type XVII collagen	Bright linear labelling at DEJ; broad reticular pattern; intensity similar to control
450-9D	Beta 4 integrin	Slightly reduced labelling at DEJ; fragmented appearance

