



ENZYME INDICATOR HISTORY



Apr 1999

Project

Validation of TSE Decontamination

Feb 2000

International patent filing

Assay with reduced background.
PCT/GB00/00315
(3rd February 2000)

Mar 2005

International patent filing

Biological indicator:
PCT/GB2005/001056
(22nd March 2005)

Jan 2010

International patent filing

Rapid bioluminescent detections systems
PCT/GB2010/050018
(7th January 2010)

Feb 2009

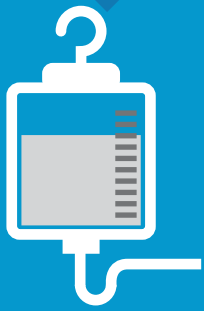
International patent filing

Cross-linked biological indicator
PCT/GB2009/050158
(18th February 2009)

Nov 2005 - Sept 2007

Project

Prevention of iatrogenic spread of vCJD; Department of Health New and Emerging Applications of Technology



2010

Publication

Hesp et al Thermostable adenylate kinase technology: a new process indicator and its use as a validation tool for the reprocessing of surgical instruments. J. Hosp. Inf.

2011



Licence

Licence agreement with BiotAK: Cleaning and decontamination of surgical instruments and endoscopes

Apr 2010 – Sept 2011

Project

Cleaning validation for surgical instrument reprocessing; National Institute of Health Research Invention for Innovation project

2010

Publication

Ungurs et al Quantitative measurement of the efficacy of protein removal by cleaning formulations; comparative evaluation of prion directed chemistries. J. Hosp. Inf.

Apr 2011 – Mar 2012

Project

Scale up manufacture of tAK enzyme (Internal Pipeline funding)

Sept 2012

International patent filing

Thermostable assay reagents
PCT/GB2012/052281
(14th September 2012)

Mar 2013 - May 2014

Project

Optimization of AWD process (Department of Health; Policy Research Programme)



Apr 2013 - Mar 2014

Project

Development of tAK as an indicator of HPV decontamination (Internal Pipeline funding)

2013

Publication

Nugent et al (2013) Application of rapid read-out cleaning indicators for improved process control in hospital SSD's. J. Hosp. Inf.

Jan 2015

Licence

Licence Agreement with ProtAK Scientific: Gaseous disinfection in isolators and rooms; pharma and healthcare



April 2015

Project initiated

Commercialization of tAK as a HPV process indicator (Protak Scientific)